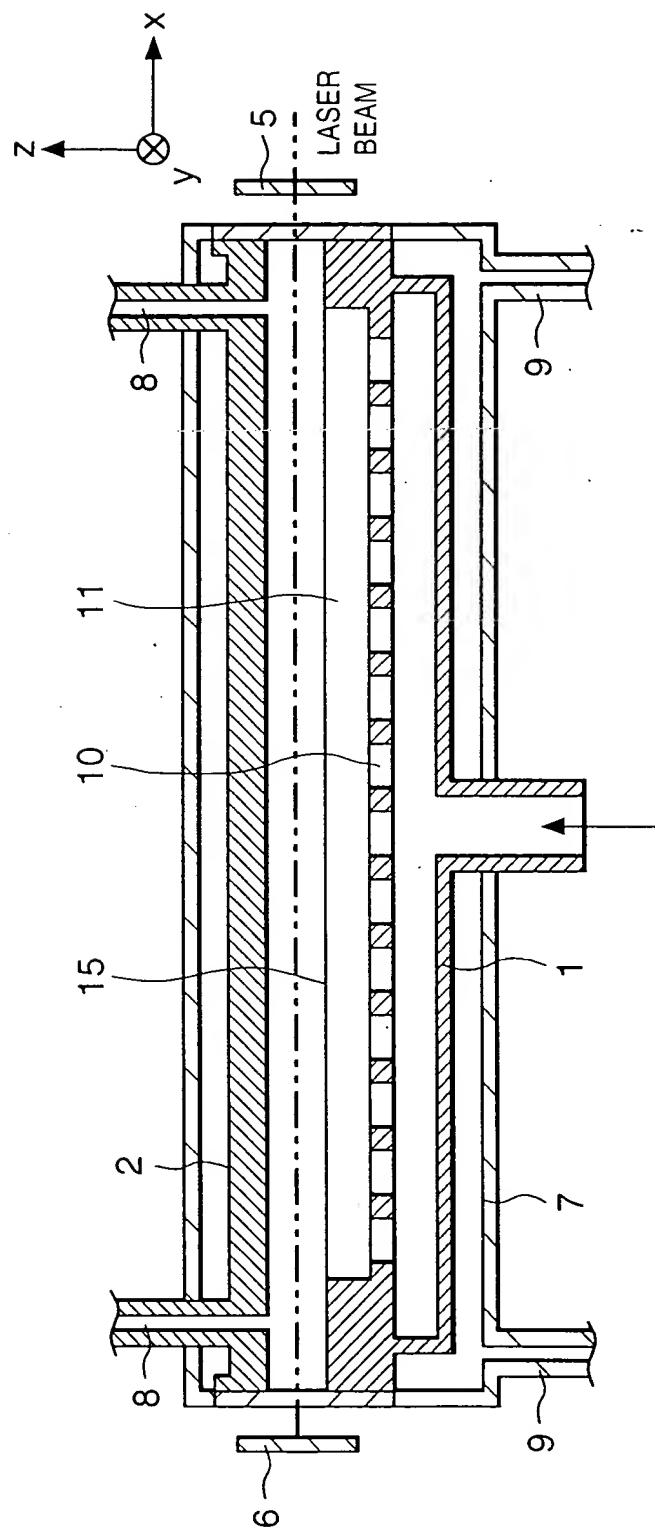


FIG. 1



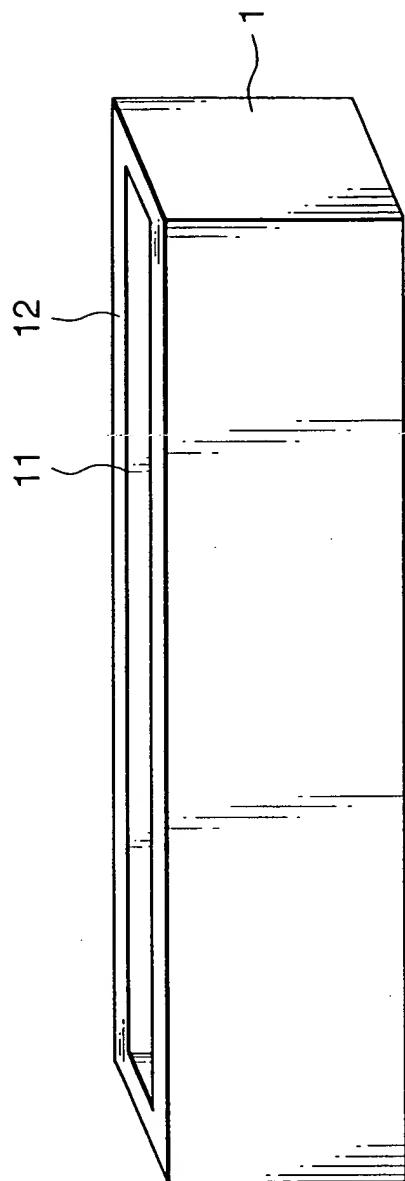


FIG. 2A

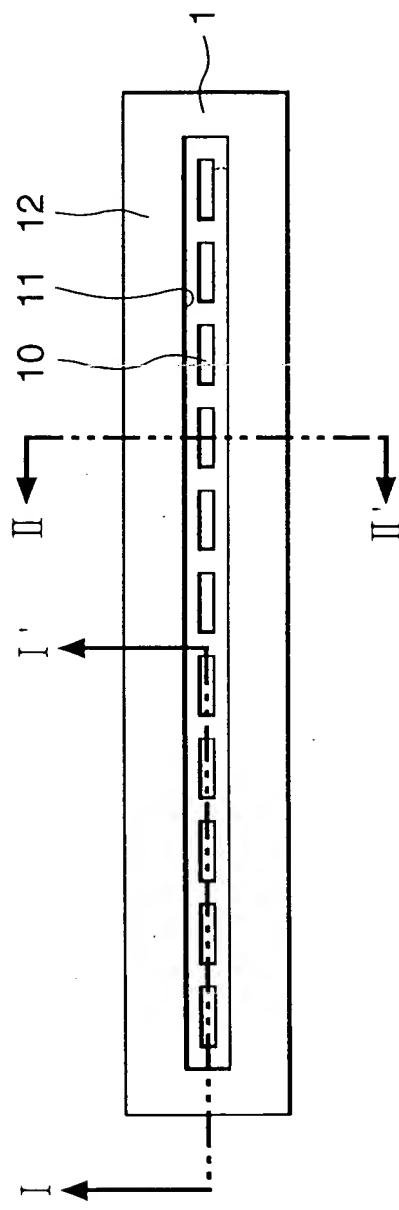


FIG. 2B

FIG. 3A

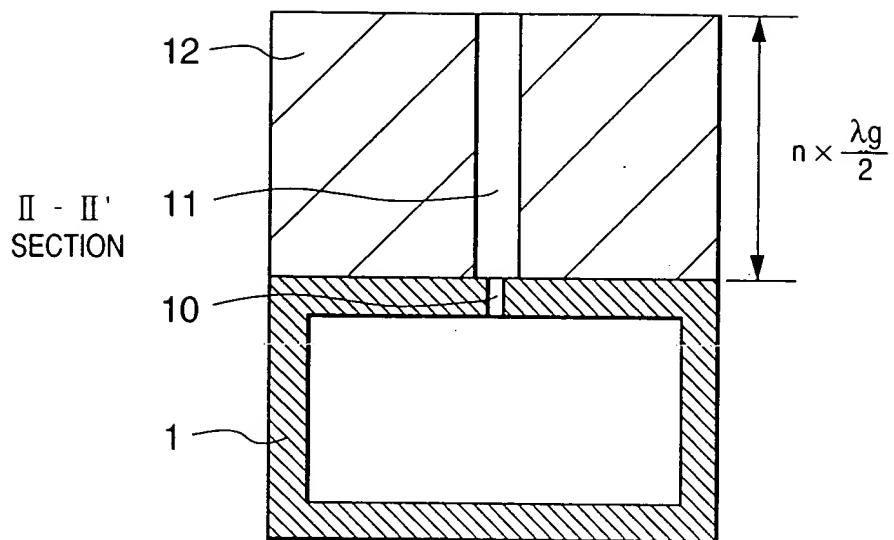


FIG. 3B

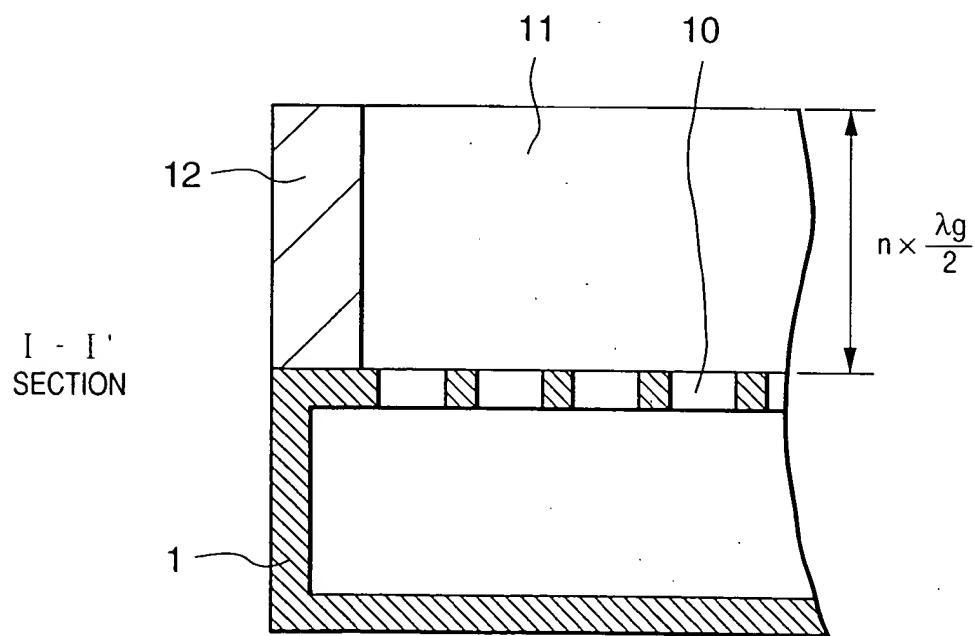


FIG. 4

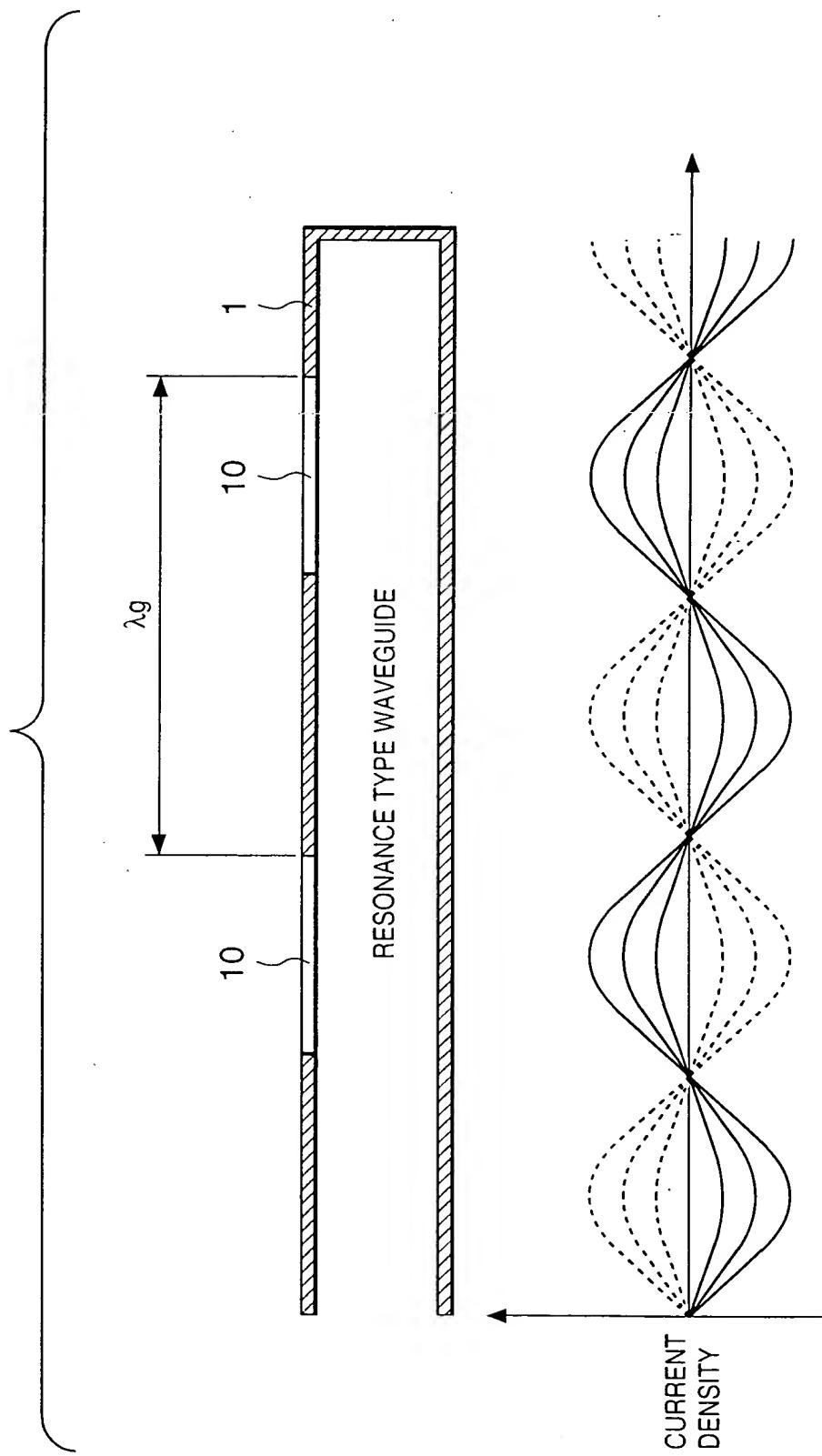


FIG. 5

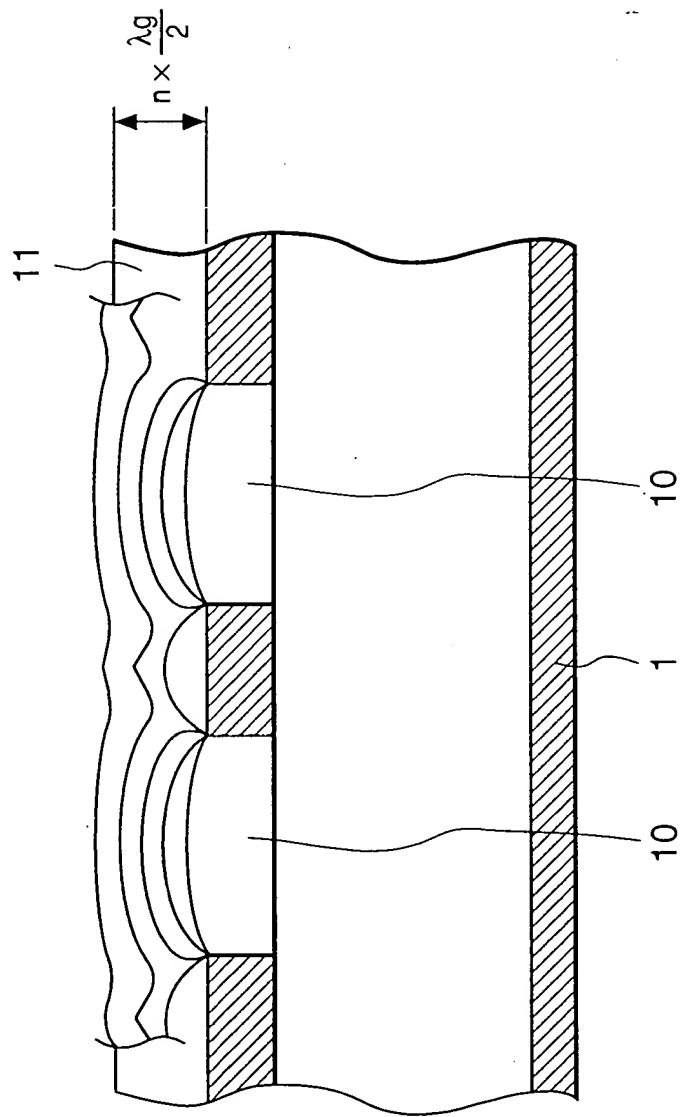


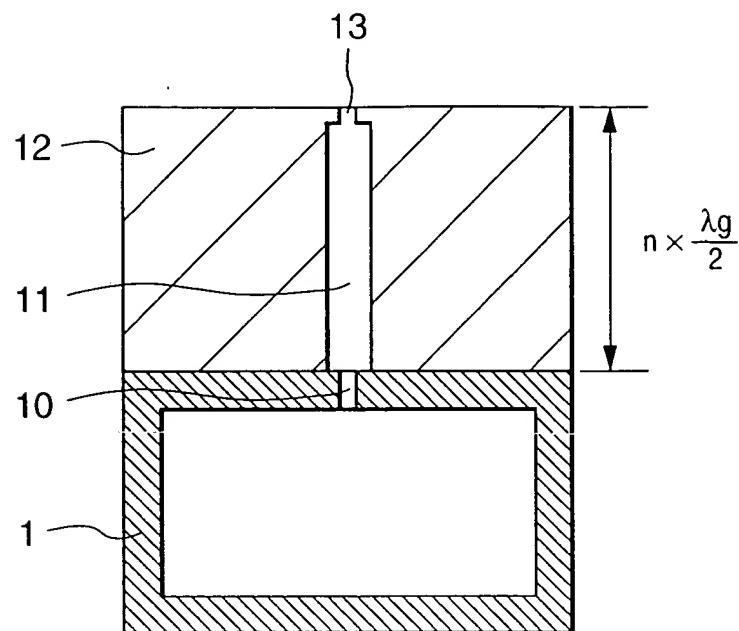
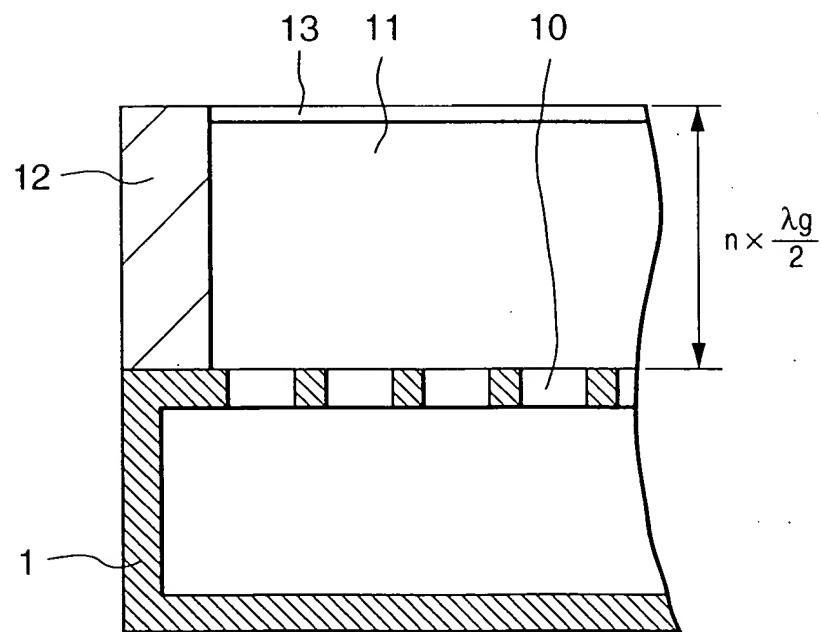
FIG. 6A**FIG. 6B**

FIG. 7

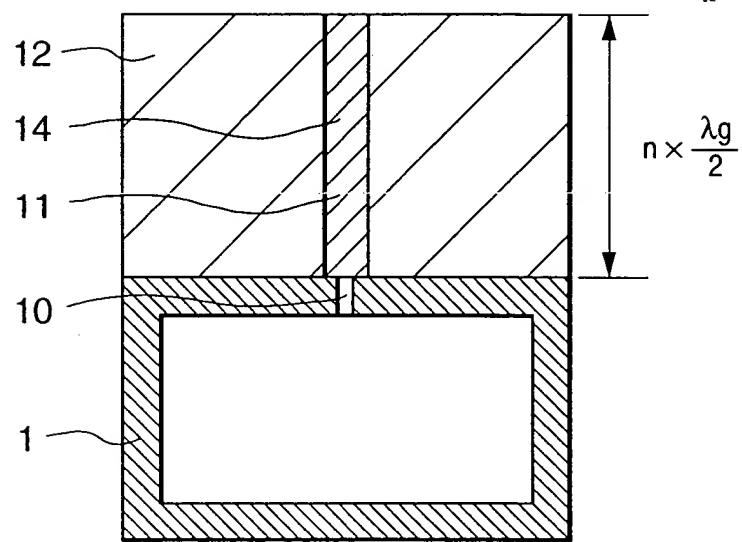


FIG. 8

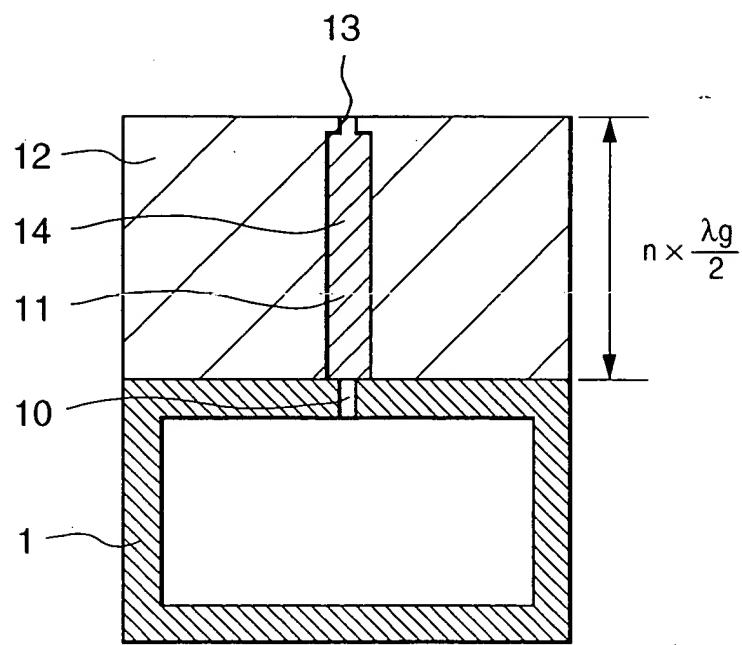


FIG. 9A

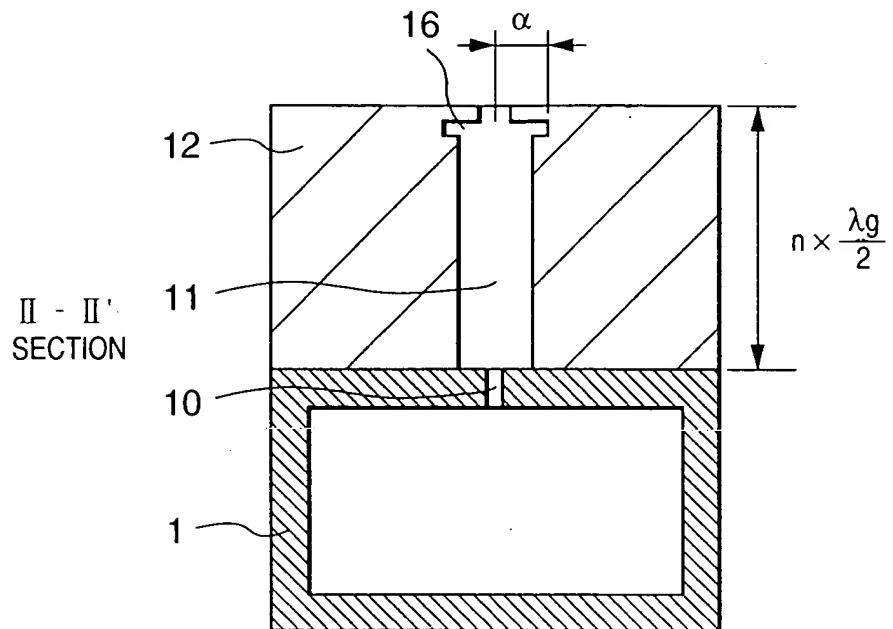


FIG. 9B

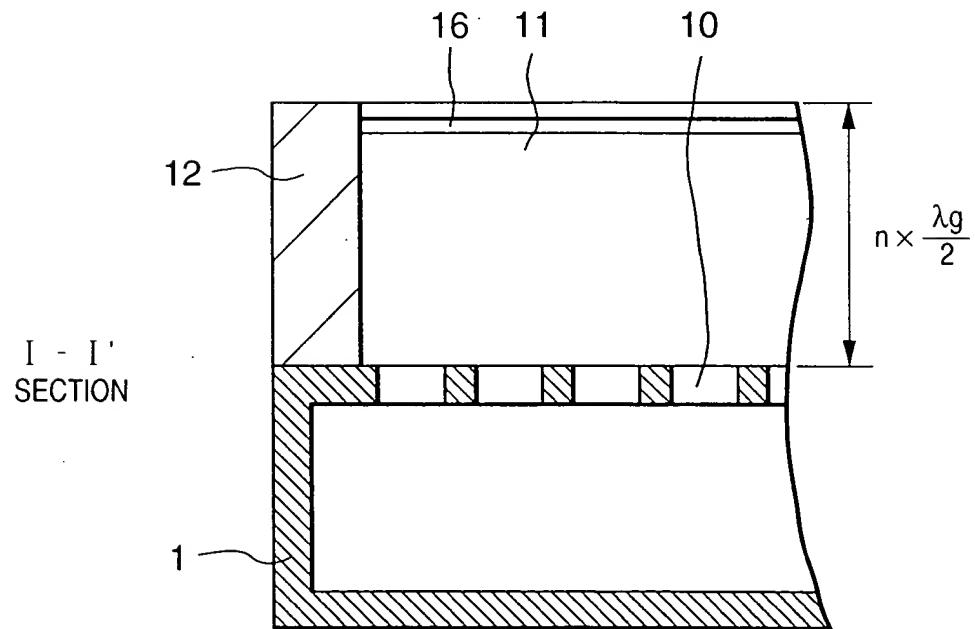


FIG. 10

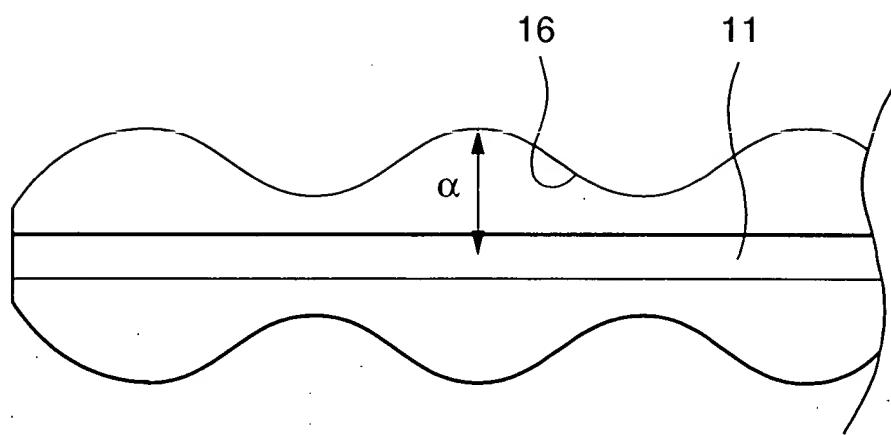


FIG. 11

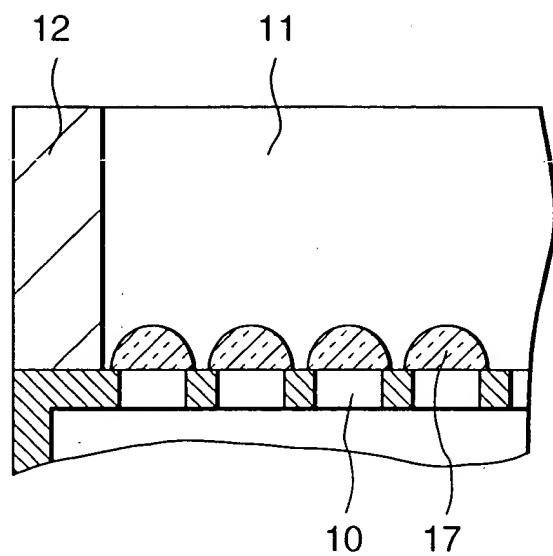


FIG. 12

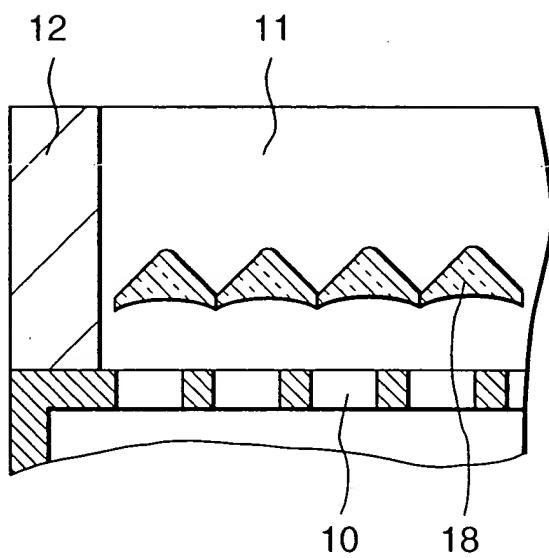


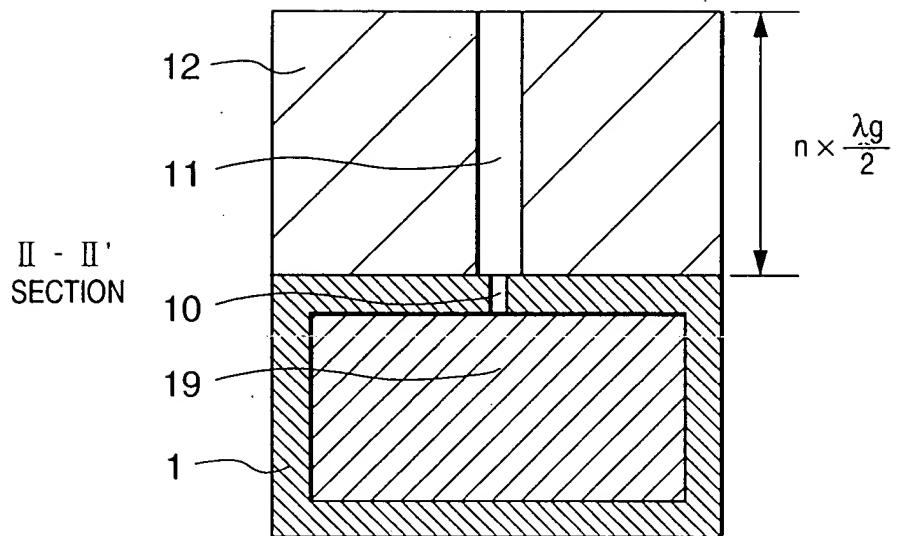
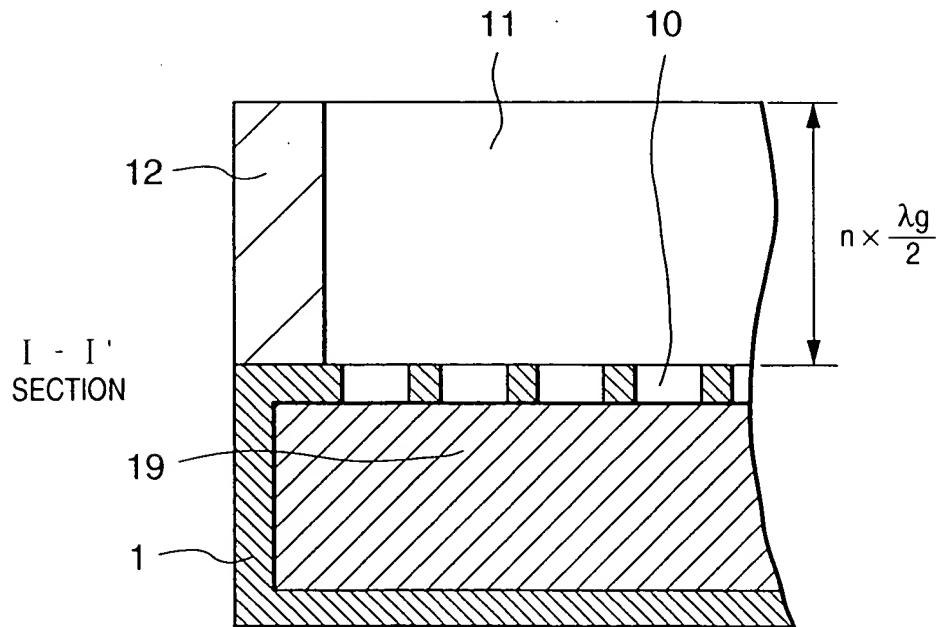
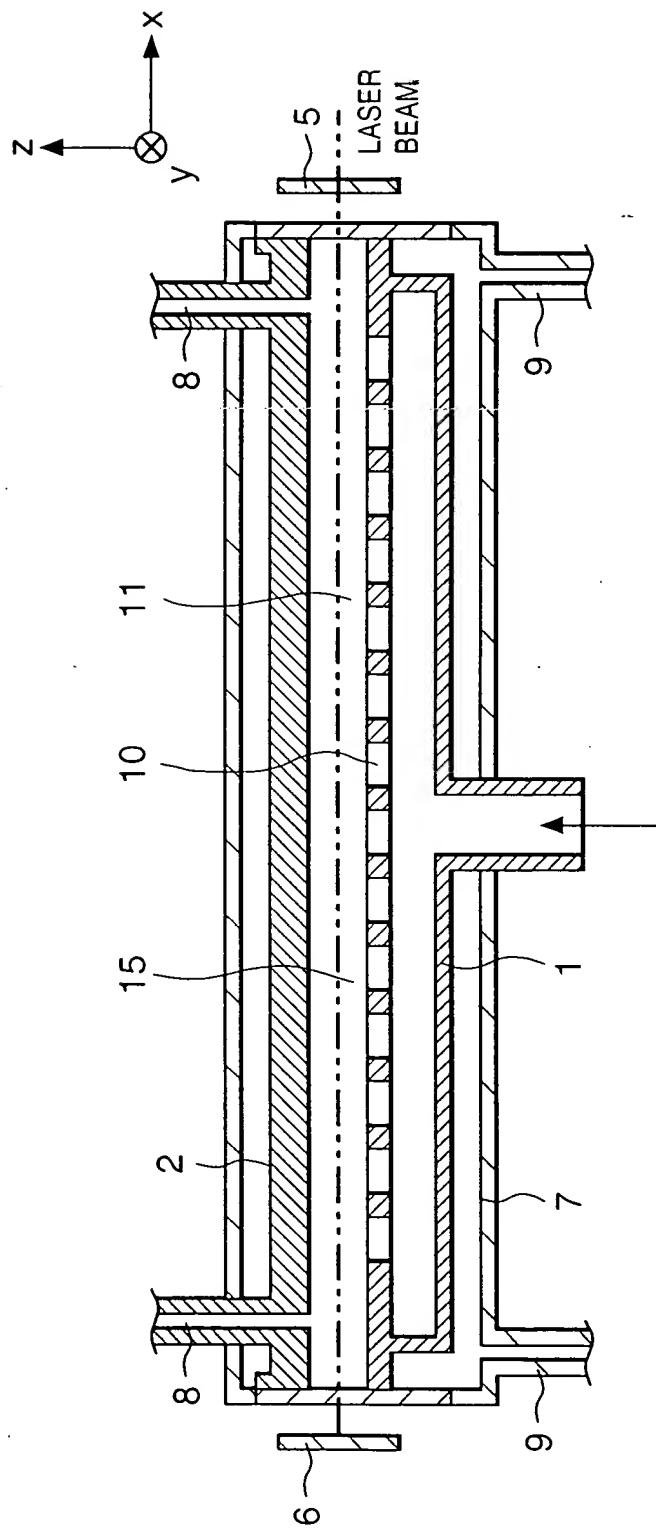
FIG. 13A**FIG. 13B**

FIG. 14



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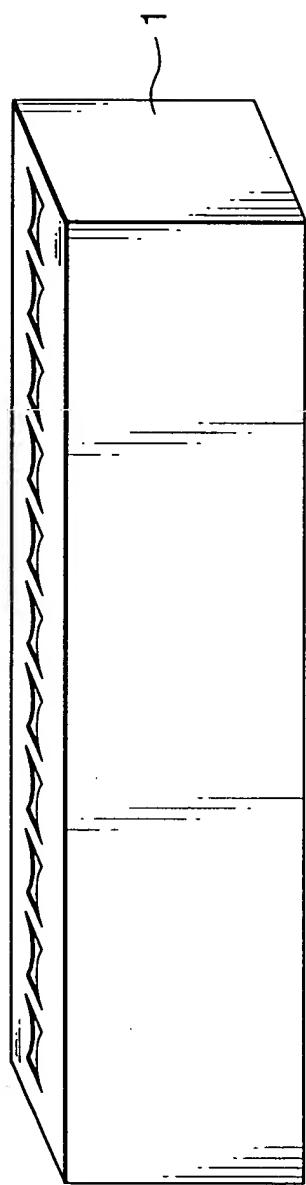


FIG. 15A

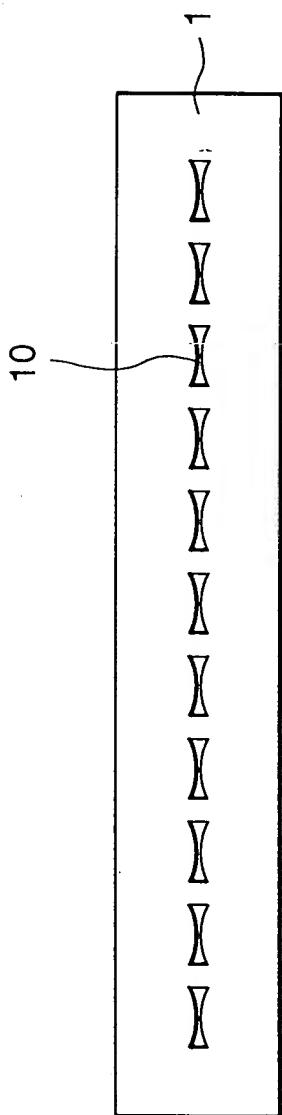


FIG. 15B

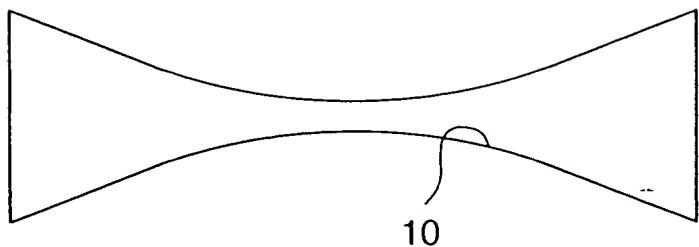
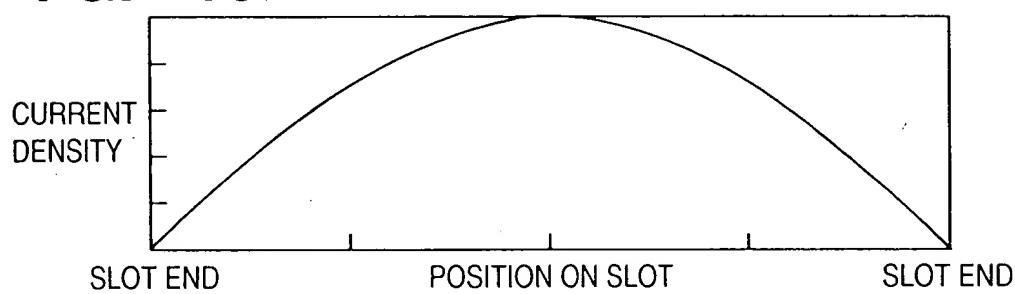
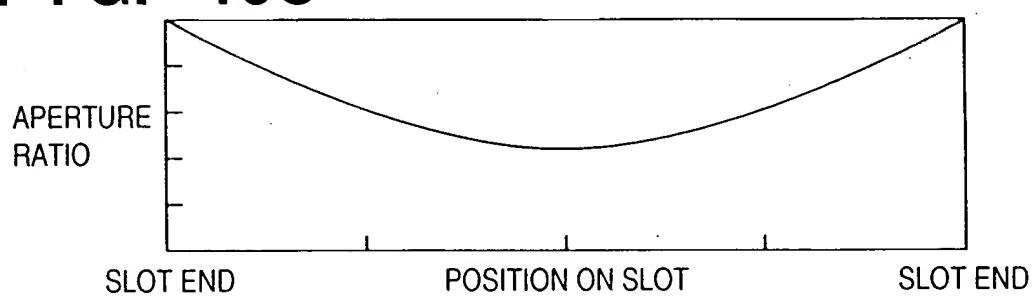
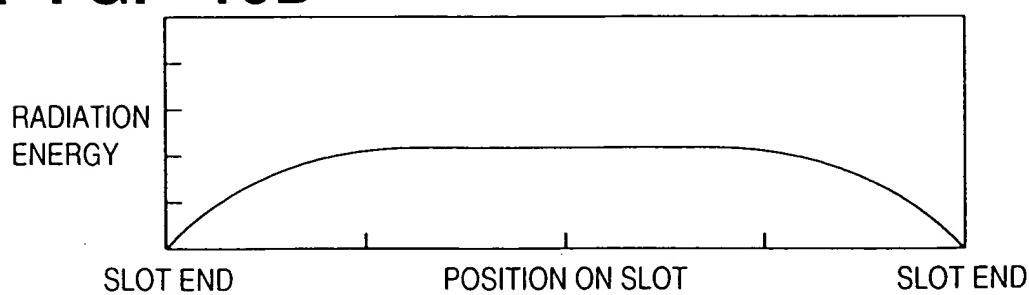
FIG. 16A**FIG. 16B****FIG. 16C****FIG. 16D**

FIG. 17A

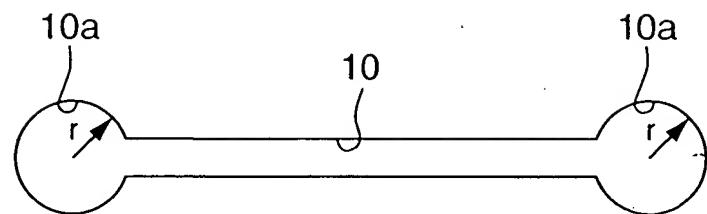


FIG. 17B

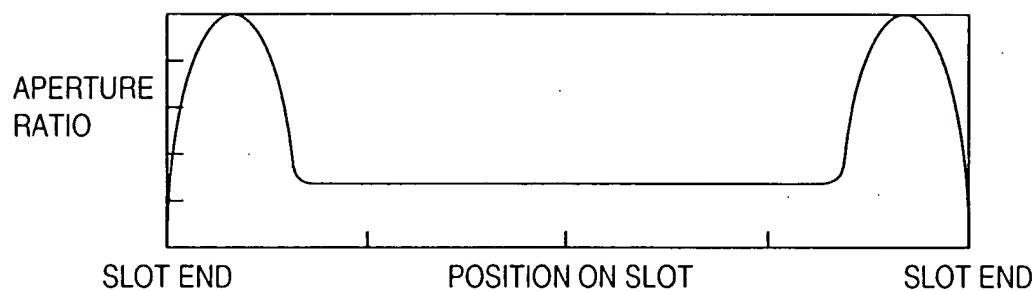


FIG. 17C

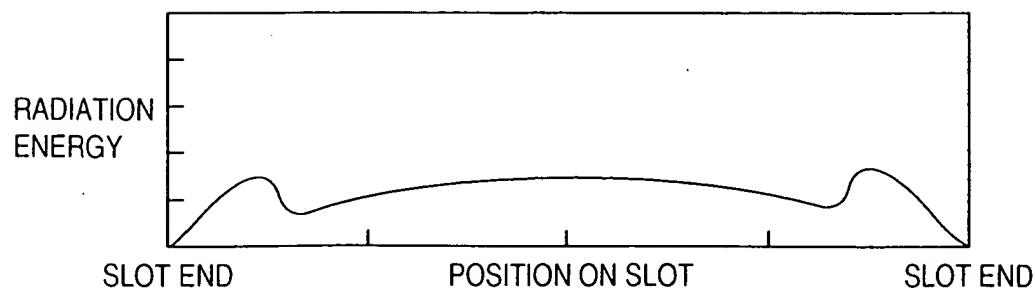


FIG. 18A

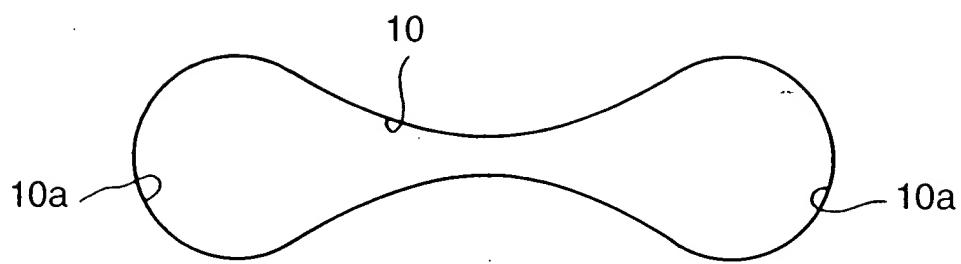


FIG. 18B

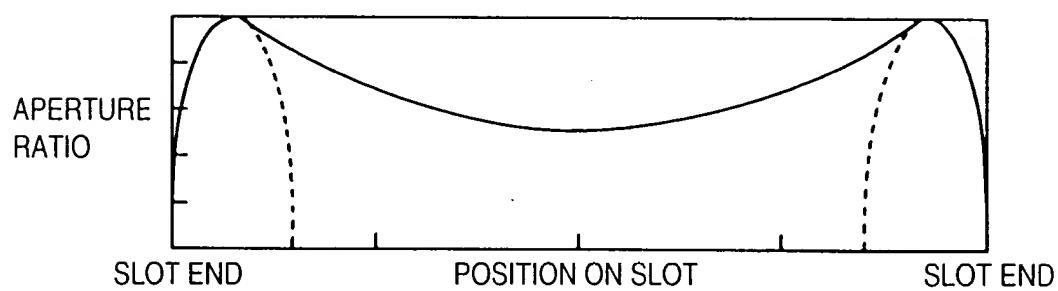


FIG. 18C

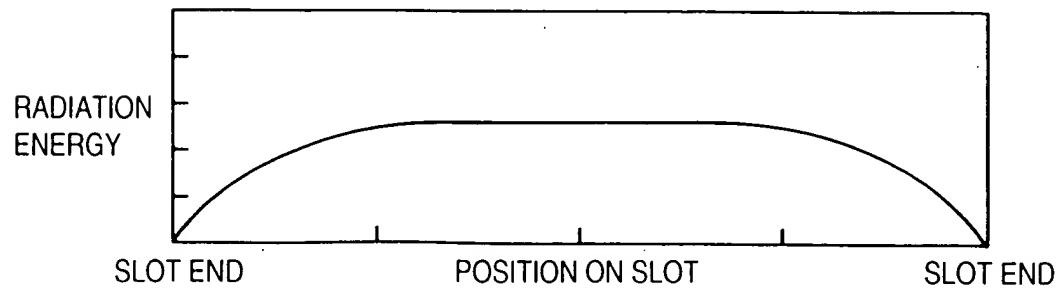


FIG. 19A

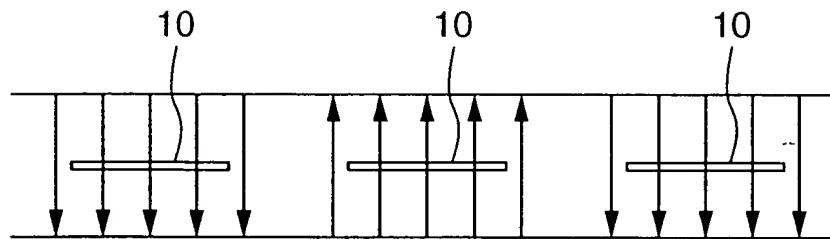


FIG. 19B

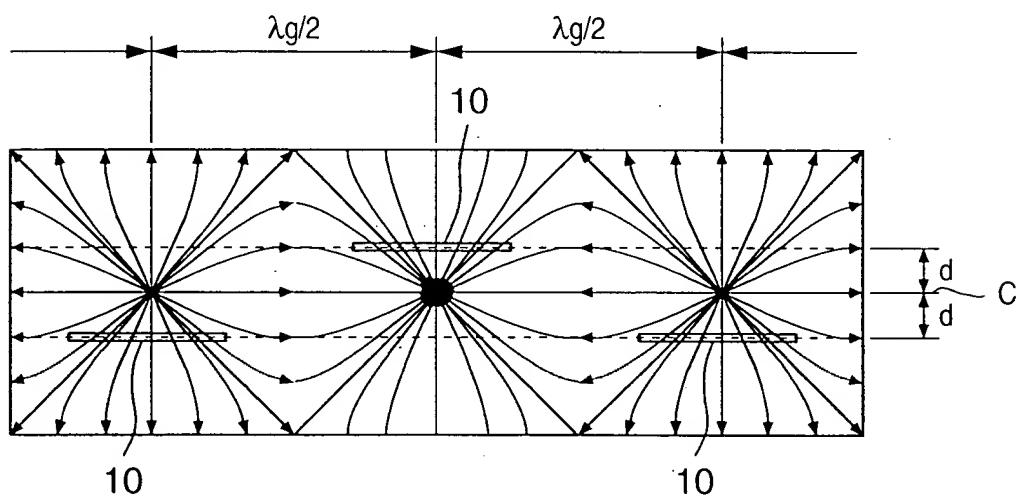


FIG. 19C

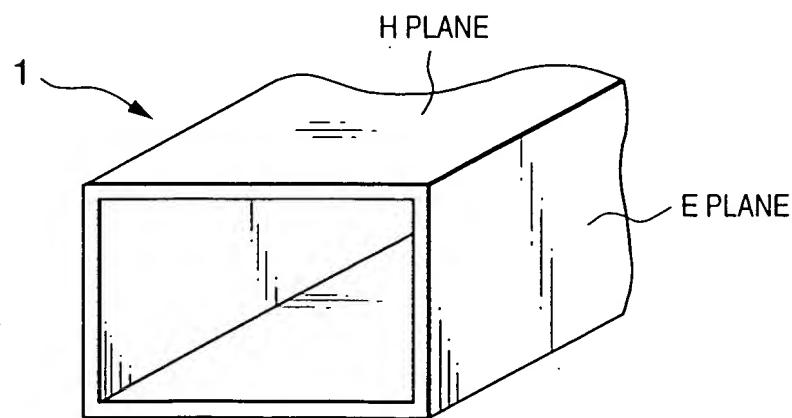
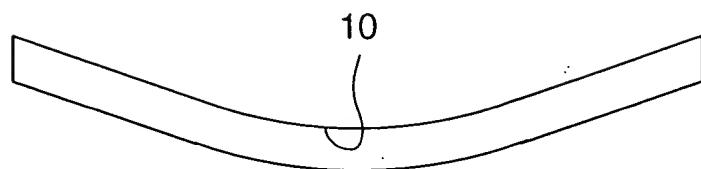


FIG. 20A



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FIG. 20B

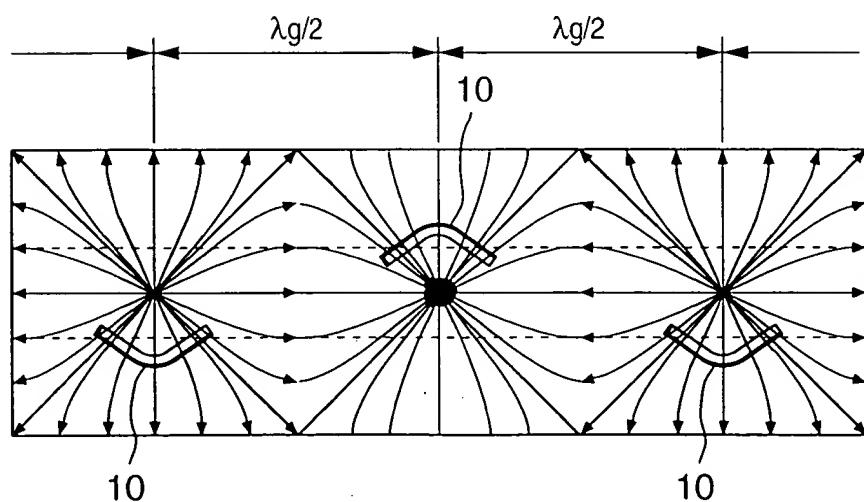
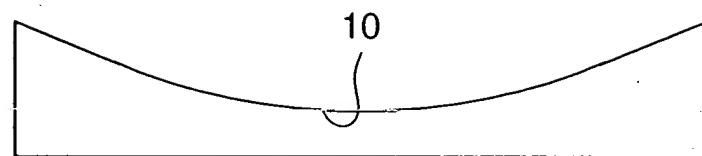


FIG. 21A



ପାତା ୧୦

FIG. 21B

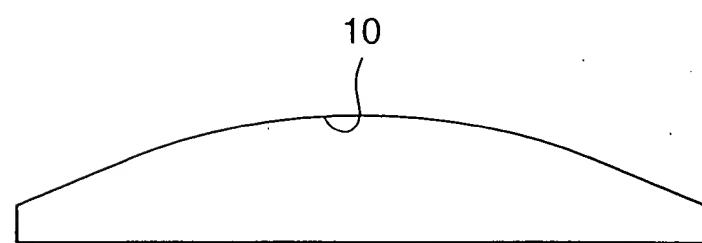


FIG. 22A

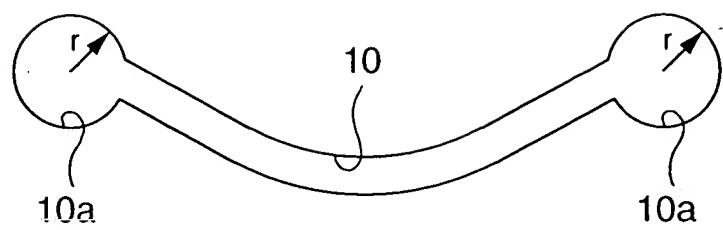


FIG. 22B

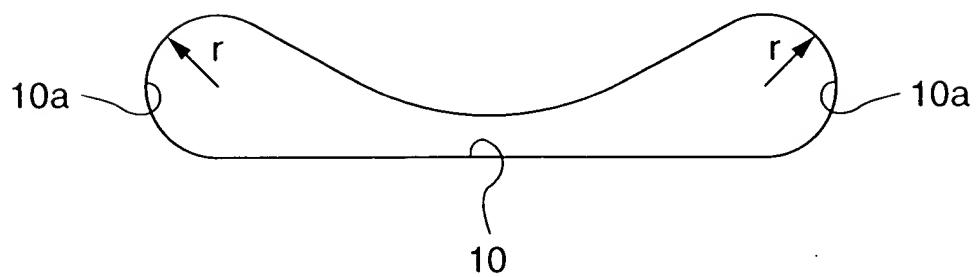


FIG. 23

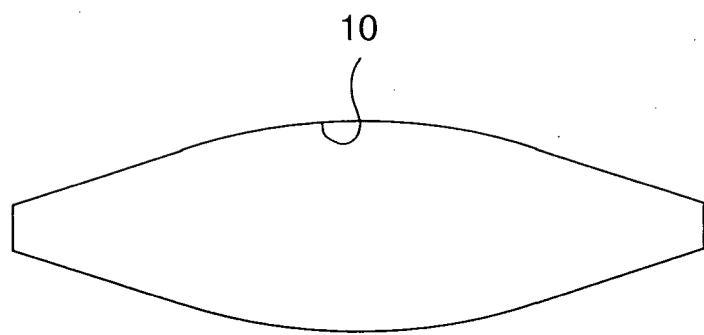


FIG. 24A

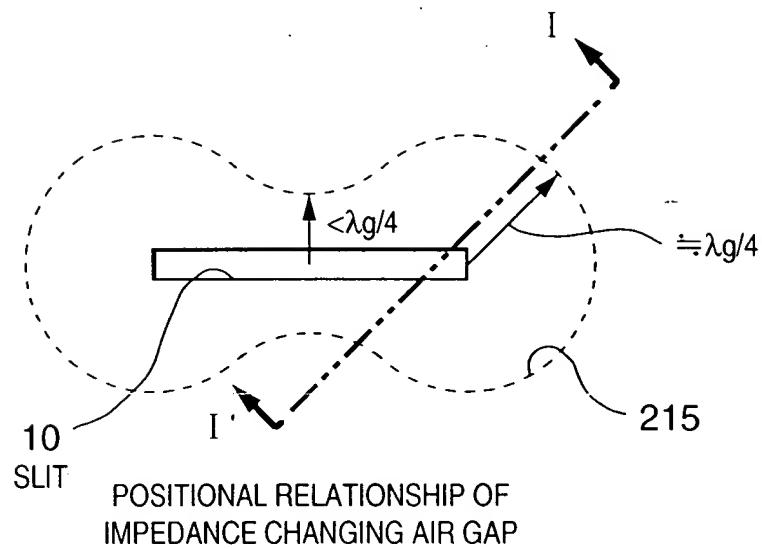
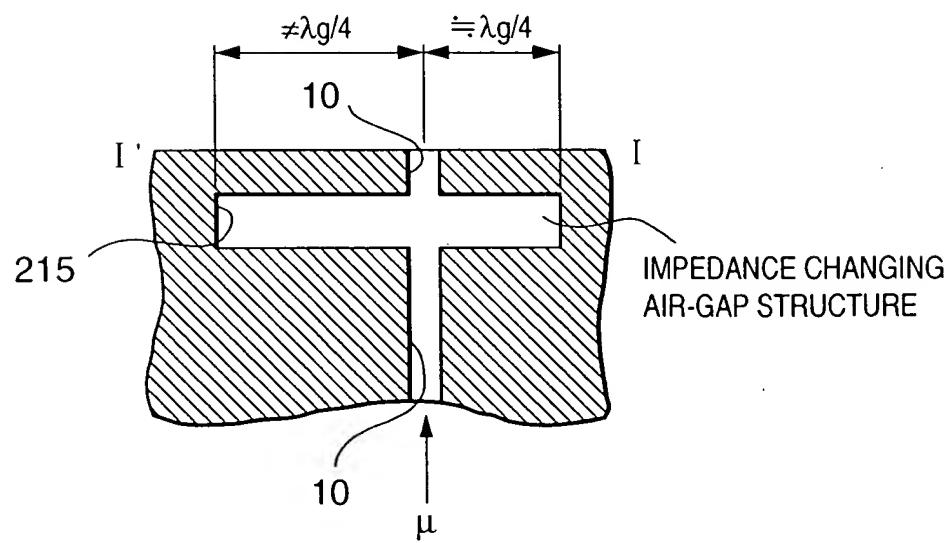


FIG. 24B



SECTIONAL VIEW (I - I') OF
IMPEDANCE CHANGING AIR GAP

FIG. 25A

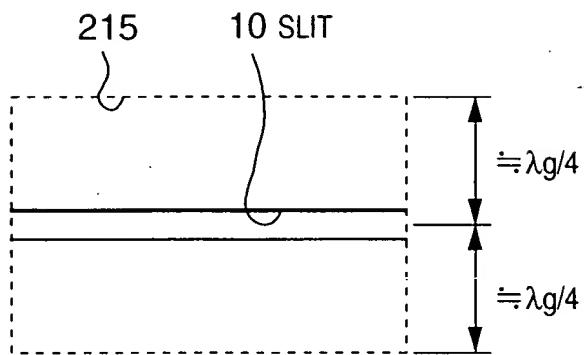
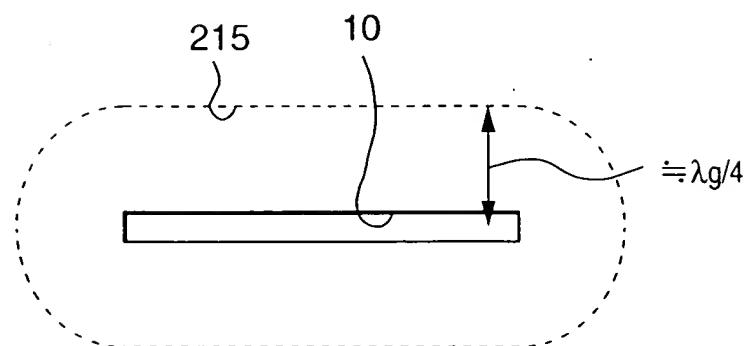
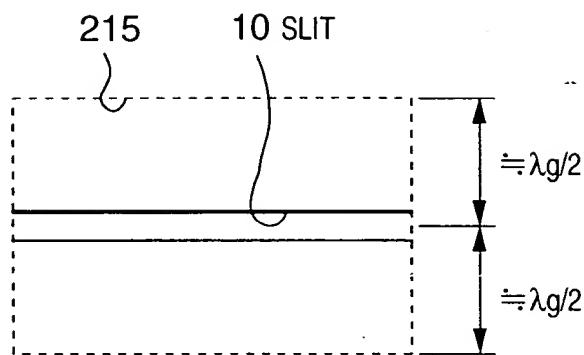


FIG. 25B



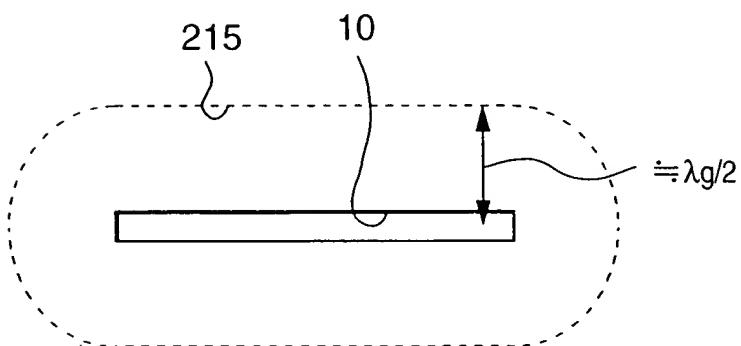
POSITIONAL RELATIONSHIP OF
 $\lambda g/4$ -LONG AIR-GAP STRUCTURE

FIG. 26A

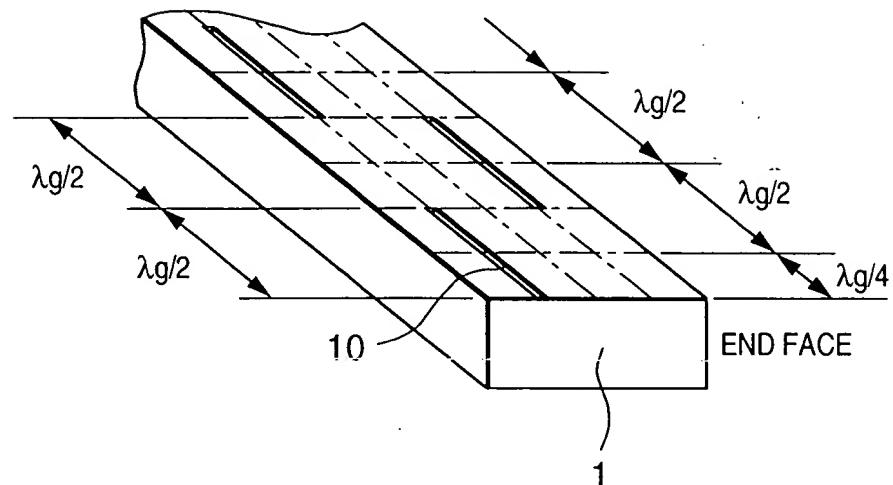
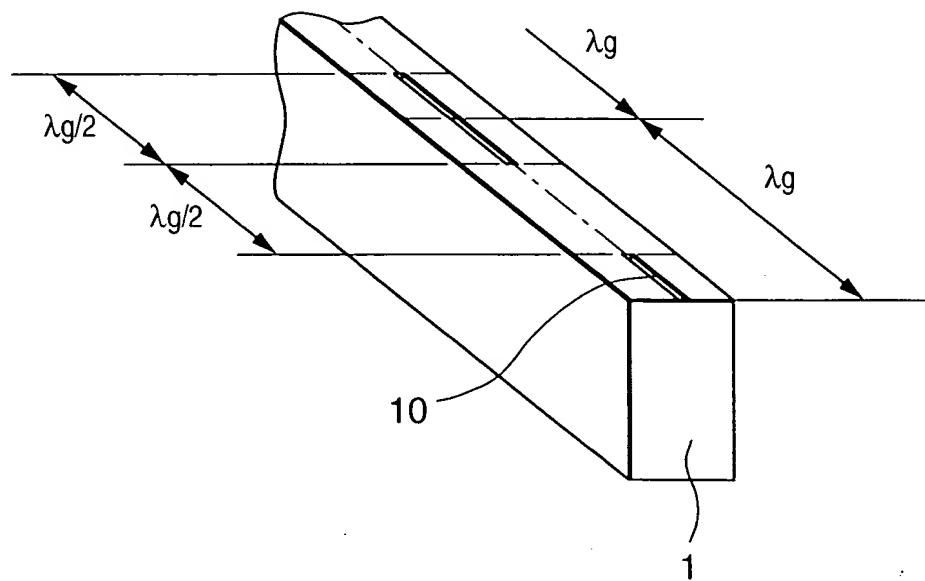


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FIG. 26B



POSITIONAL RELATIONSHIP OF
 $\lambda g/2$ -LONG AIR-GAP STRUCTURE

FIG. 27ARESONANCE LENGTH SLOT $\lambda g/2$ -PITCH
H-PLANE ANTENNA STRUCTURE**FIG. 27B**RESONANCE LENGTH SLOT λg -PITCH
E-PLANE ANTENNA STRUCTURE

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FIG. 28A

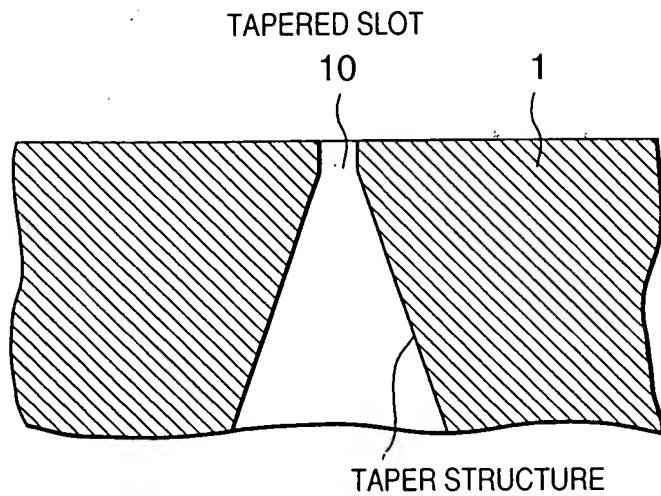


FIG. 28B

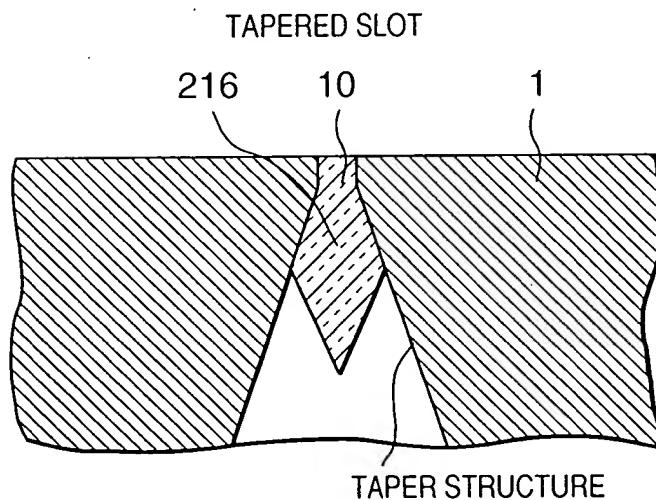


FIG. 28C

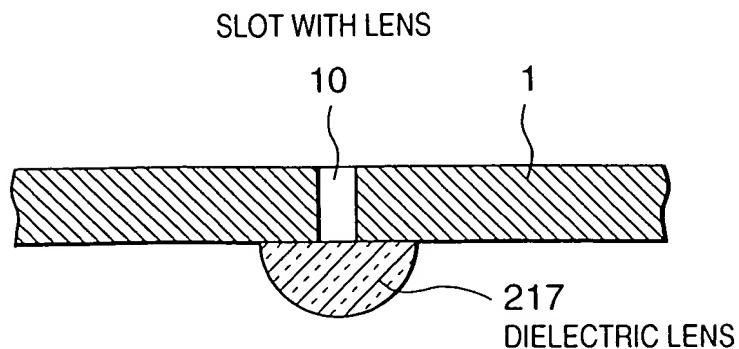


FIG. 29

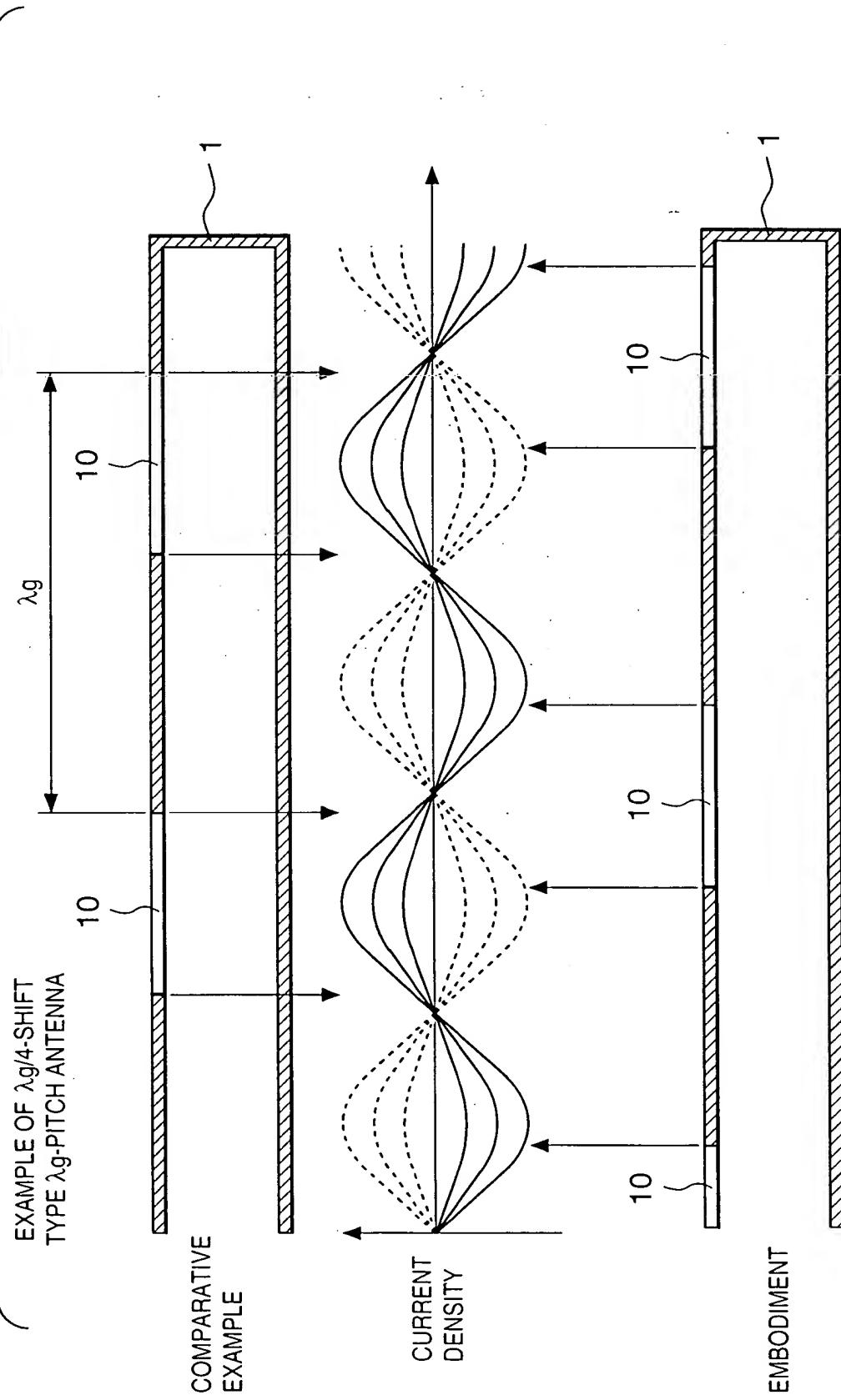


FIG. 30

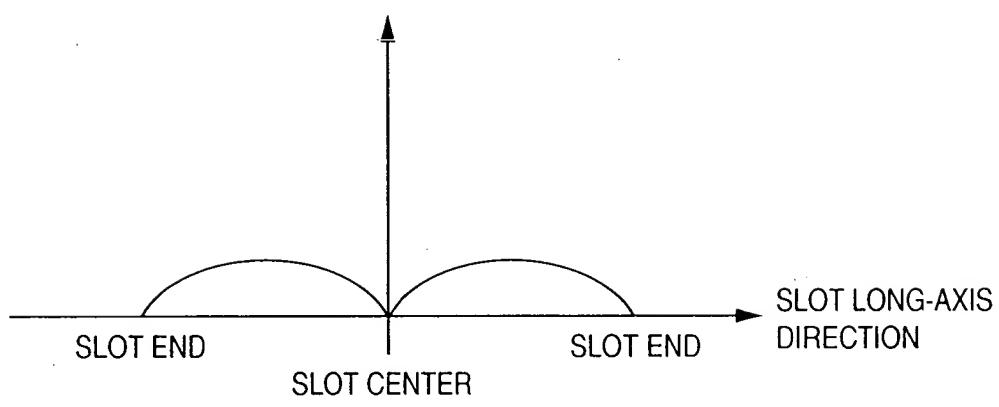
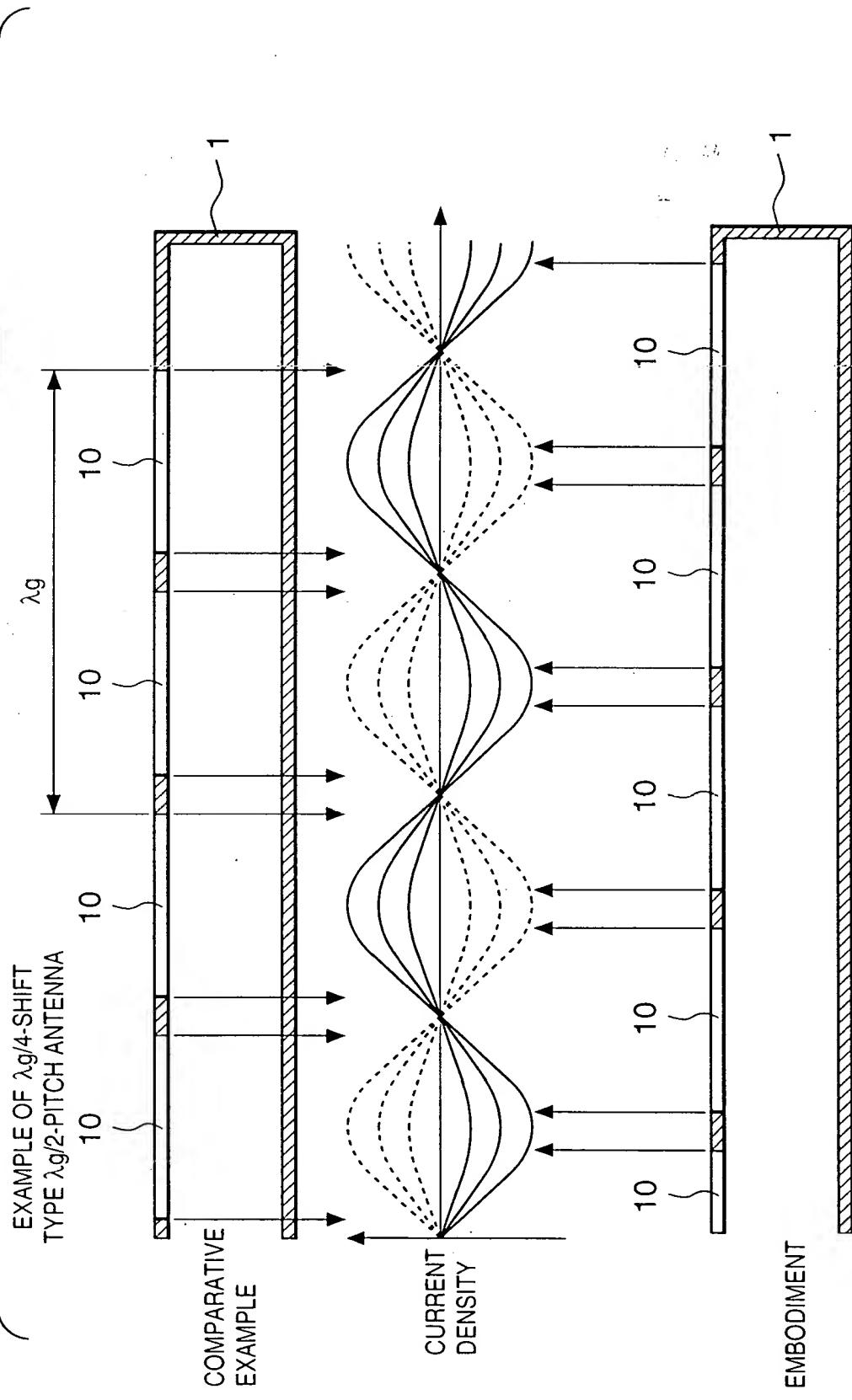
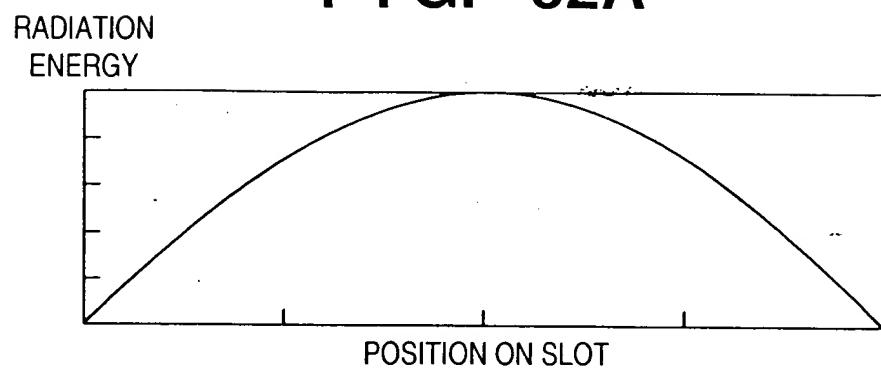


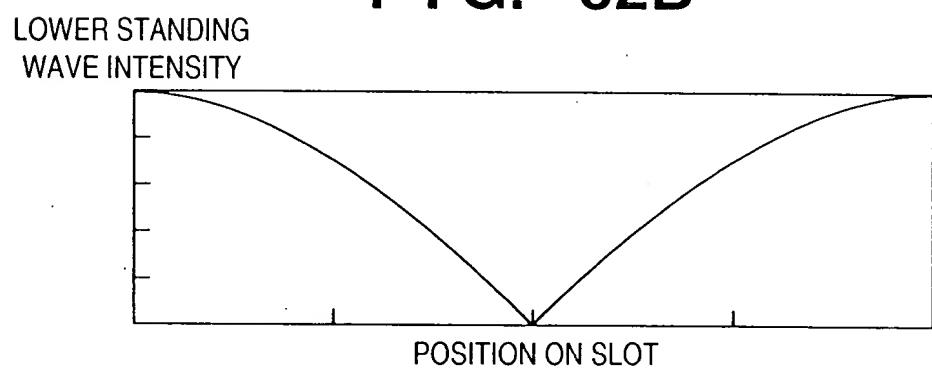
FIG. 31



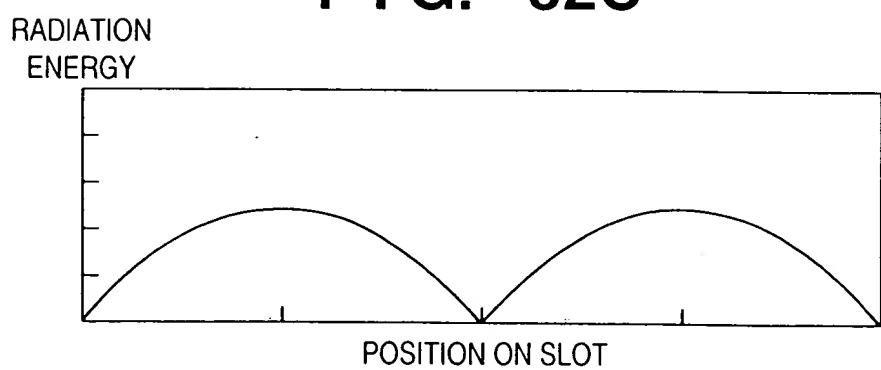
F I G. 32A



F I G. 32B



F I G. 32C



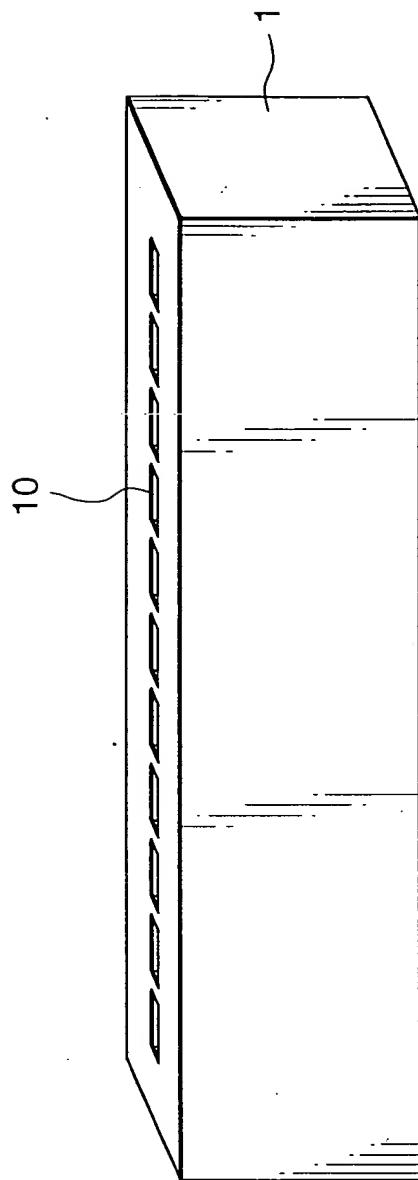


FIG. 33A

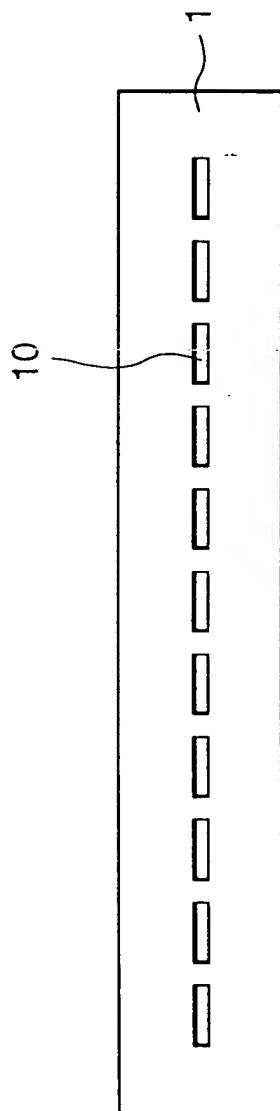


FIG. 33B

FIG. 34A

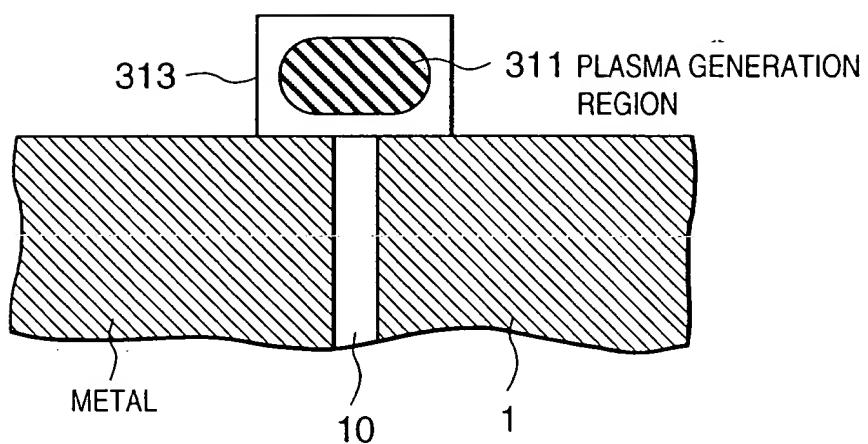


FIG. 34B

SECTION VIEWED IN DIRECTION
PERPENDICULAR TO SLOT LONG-AXIS DIRECTION

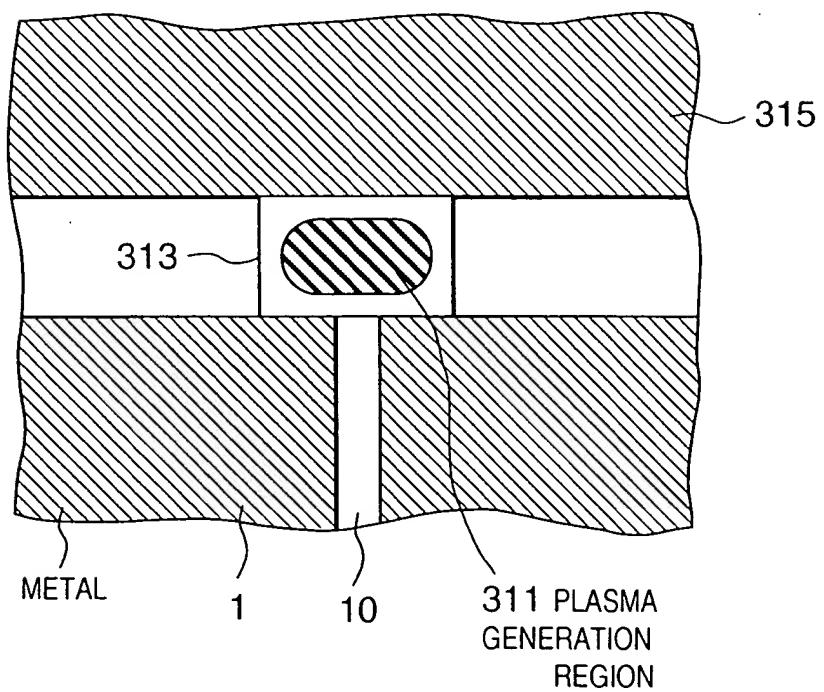
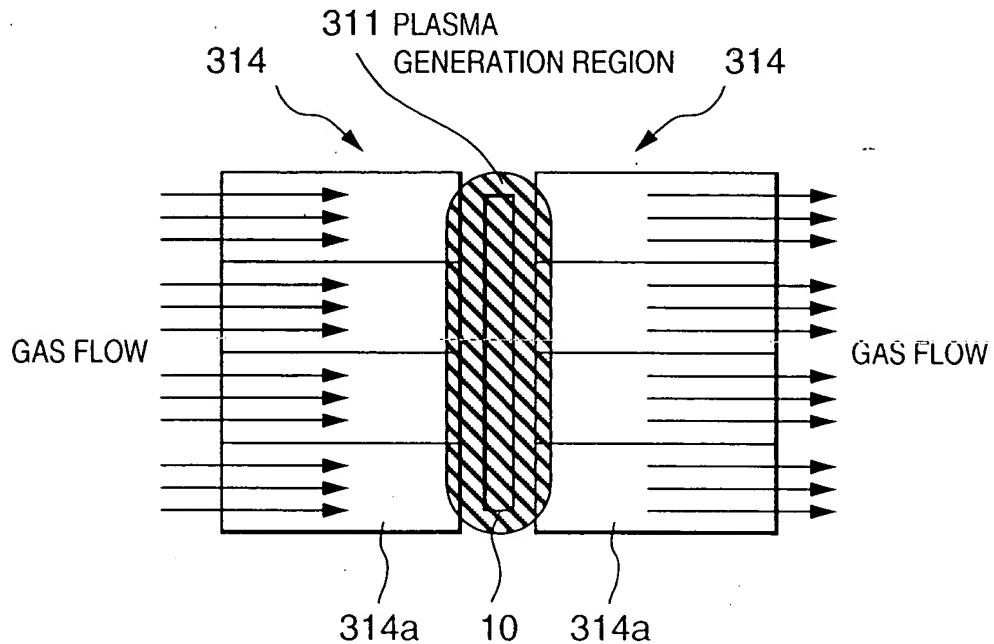


FIG. 35A
PLAN VIEW OF NOZZLE SHIELD



F I G. 35B

OUTLINE OF NOZZLE SHIELD

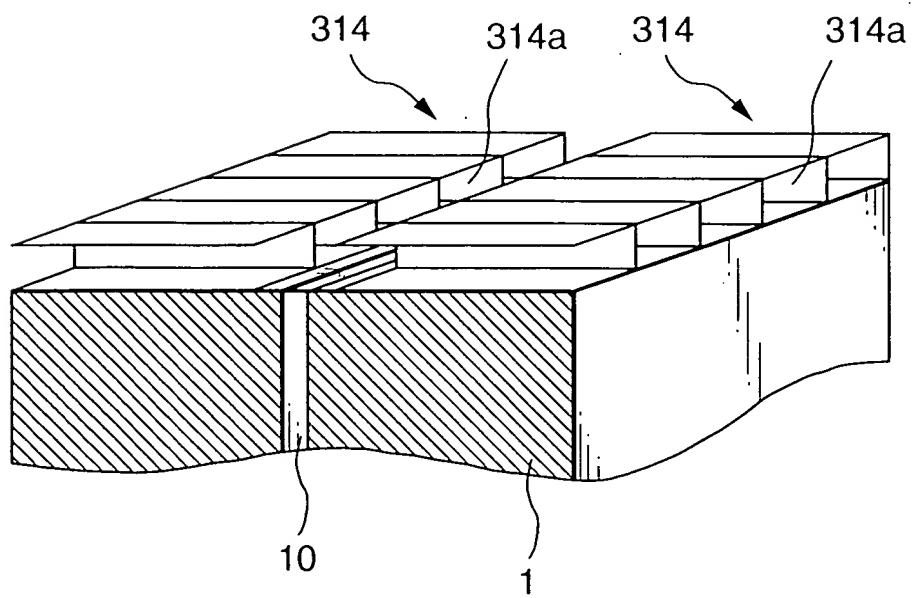


FIG. 36A

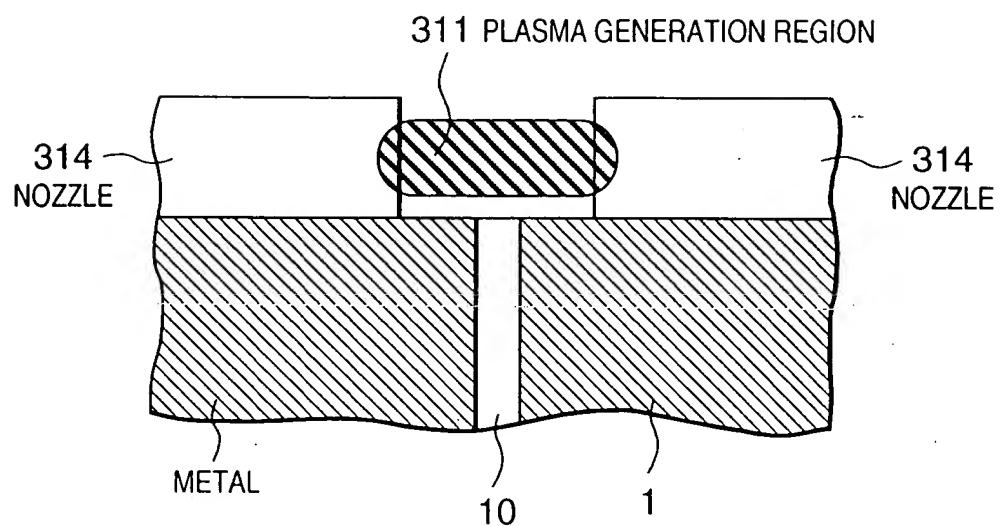
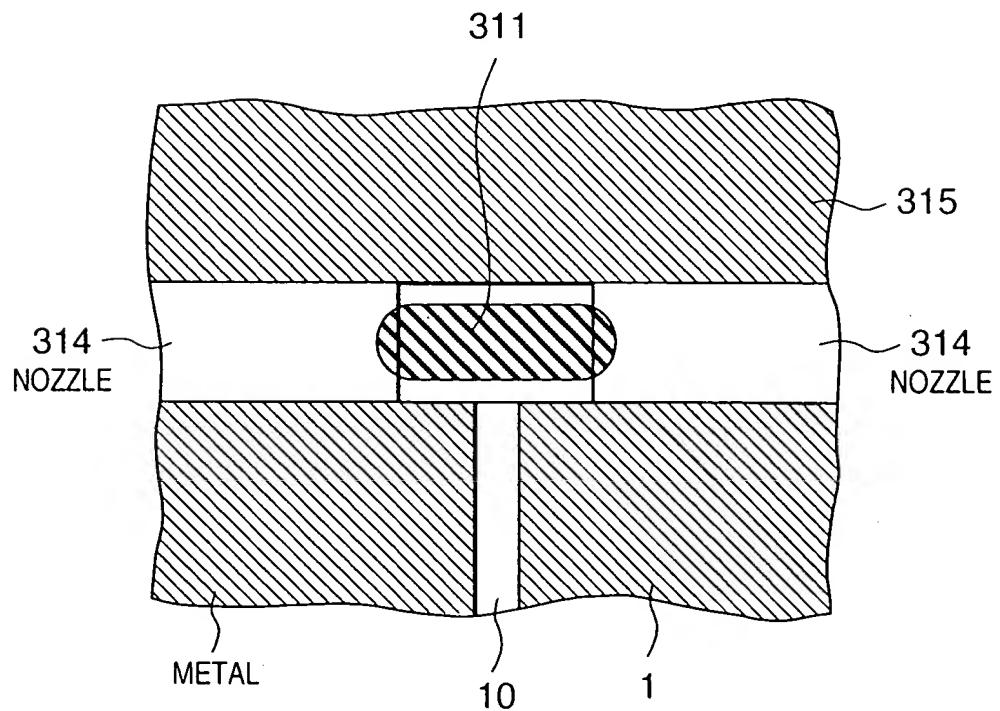
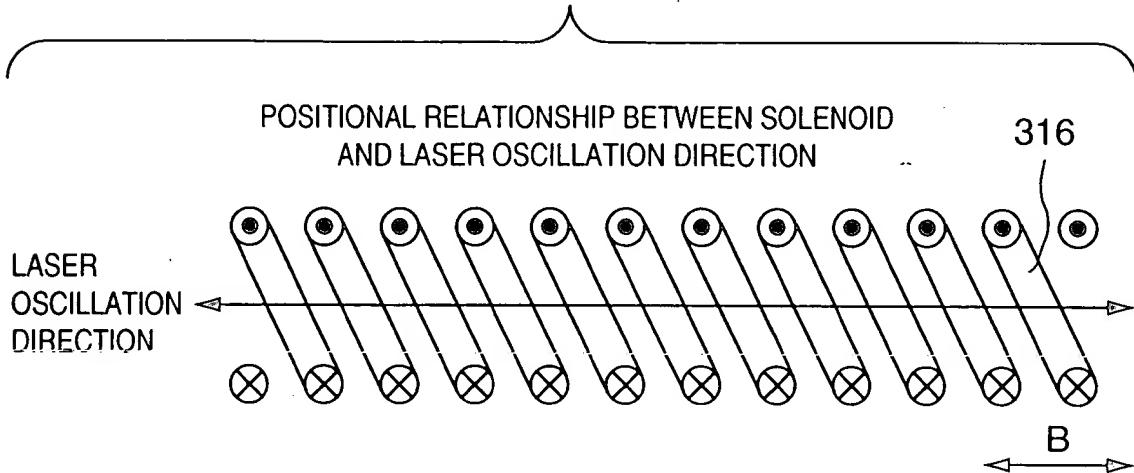


FIG. 36B

SECTION VIEWED IN SLOT
SHORT-AXIS DIRECTION



F I G. 37A



F I G. 37B

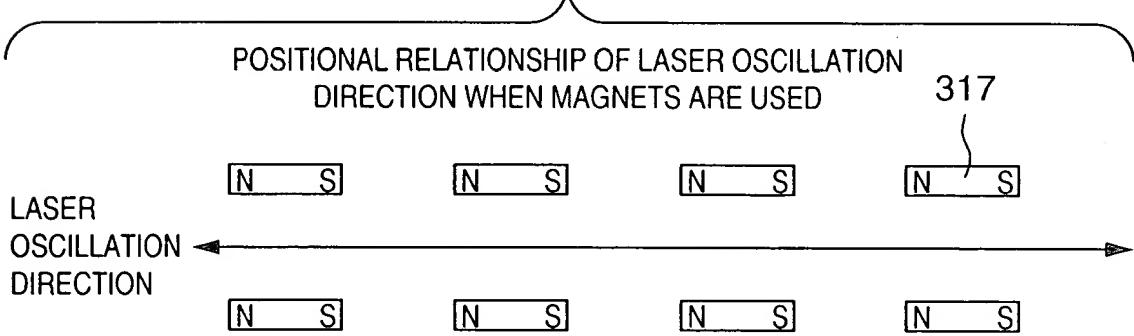


FIG. 38A

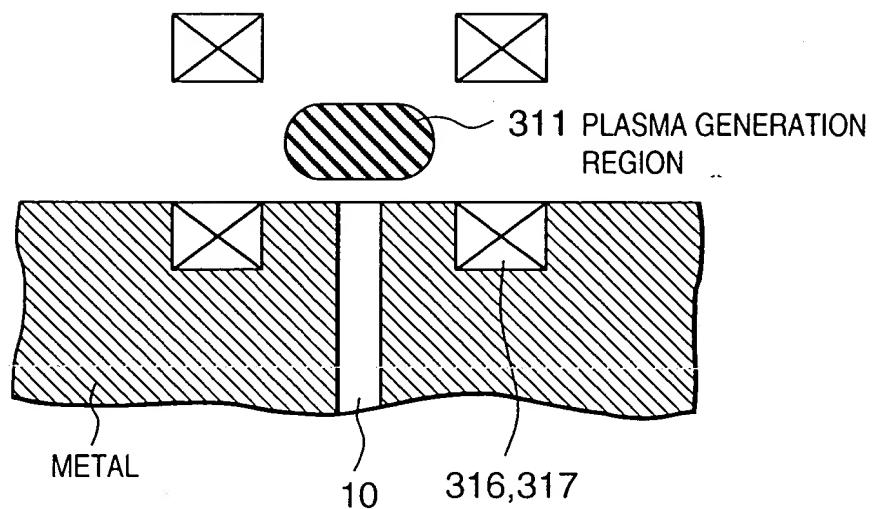


FIG. 38B

SECTION VIEWED IN SLOT SHORT-AXIS DIRECTION
(DIRECTION OF MAGNETIC FIELD IS
PERPENDICULAR TO PAPER SURFACE)

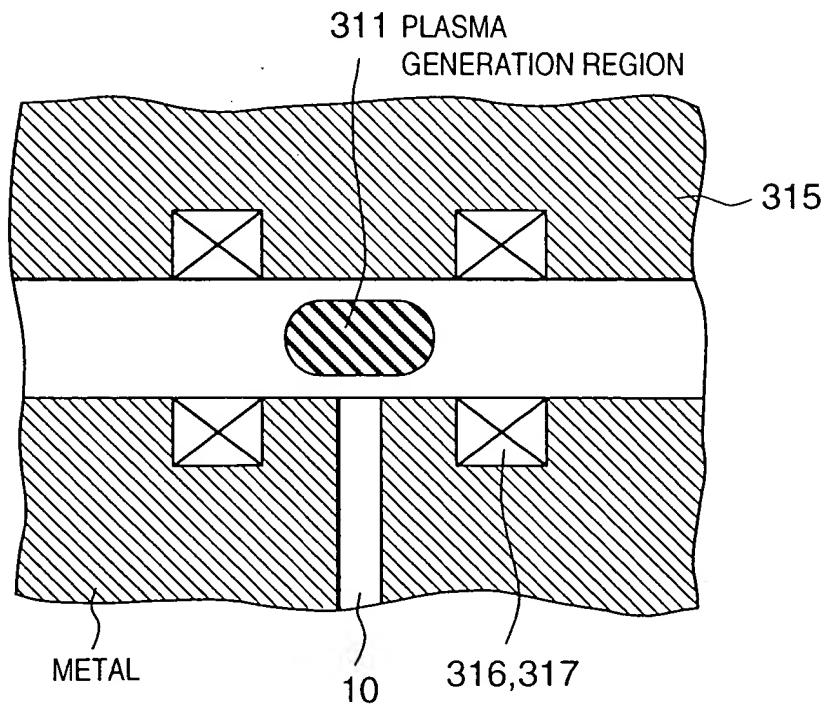


FIG. 39

NOZZLE SLOT-MAGNETIC FIELD COMPOSITE
TYPE CONFINING STRUCTURE

CONFIDENTIAL - REPORT NO.

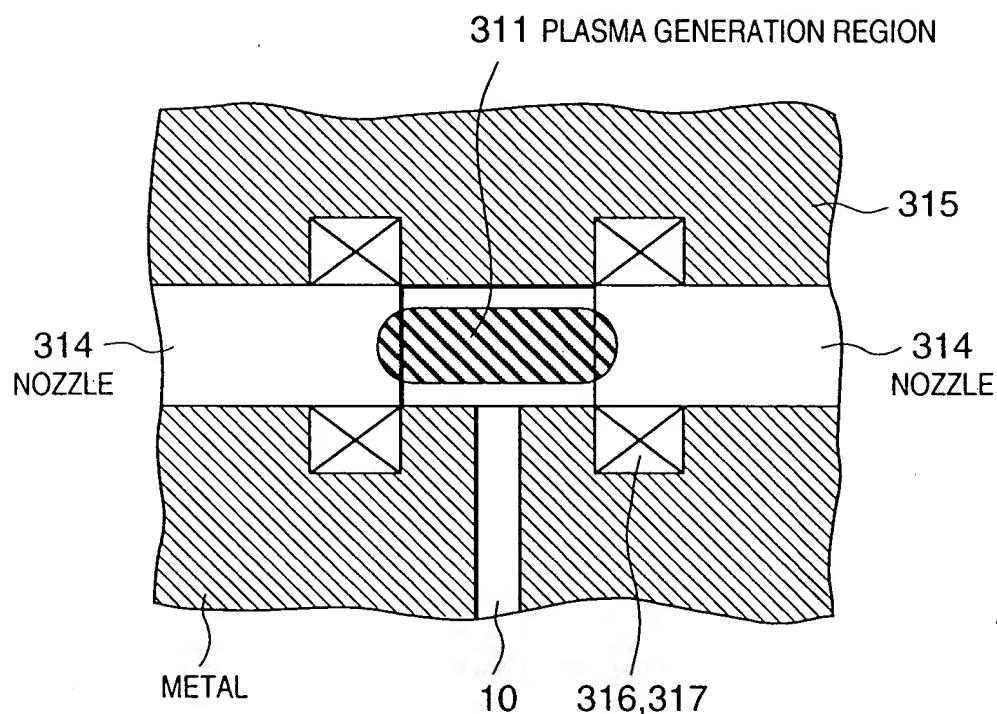


FIG. 40

WHEN SLOT WIDTH IS SMALL

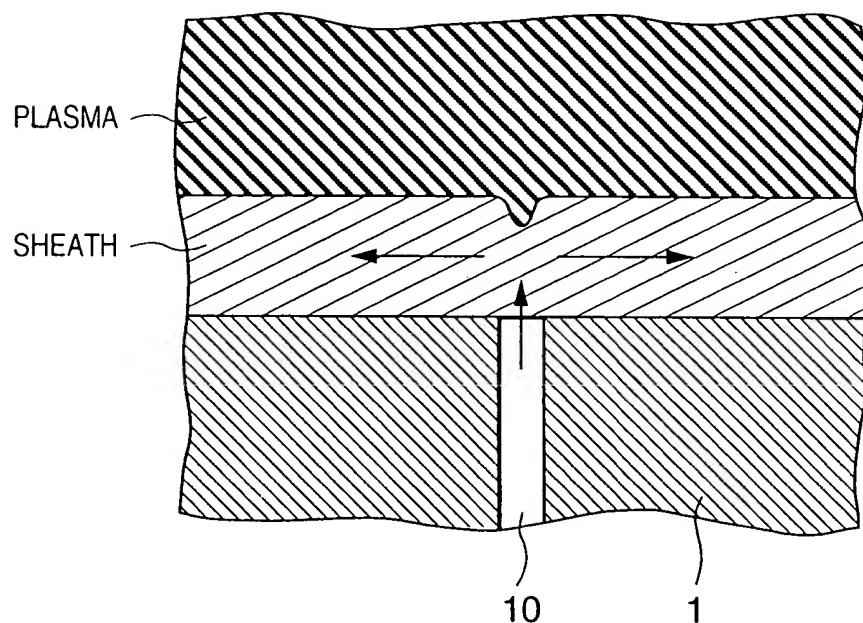


FIG. 41

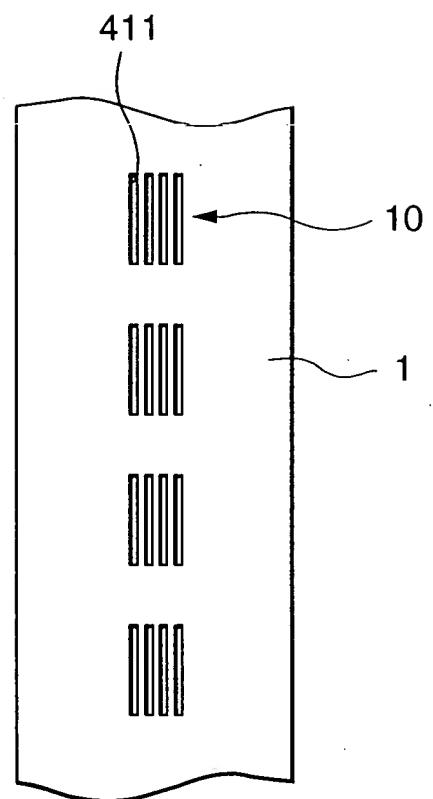


FIG. 42

WHEN SLOT WIDTH IS SMALL

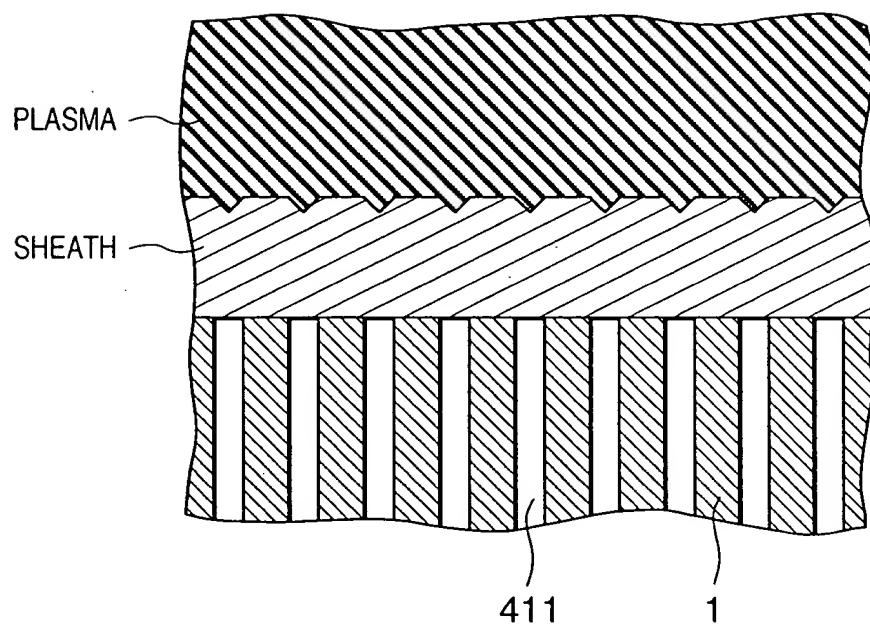


FIG. 43

WHEN SLOT WIDTH IS SMALL

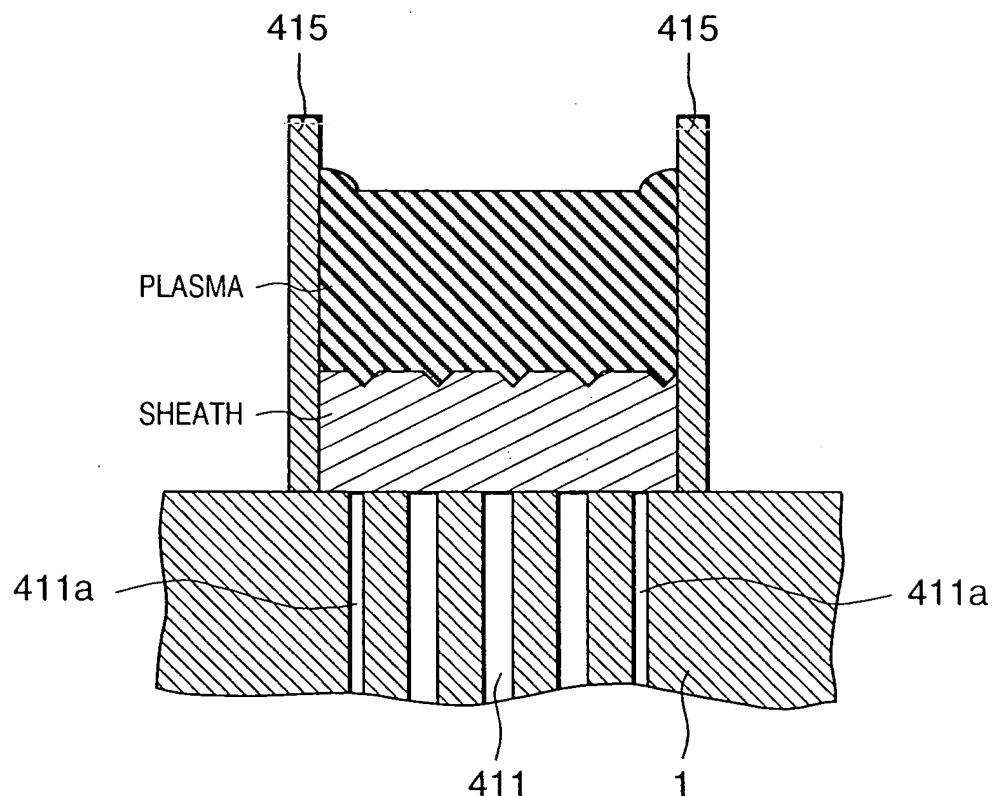


FIG. 44

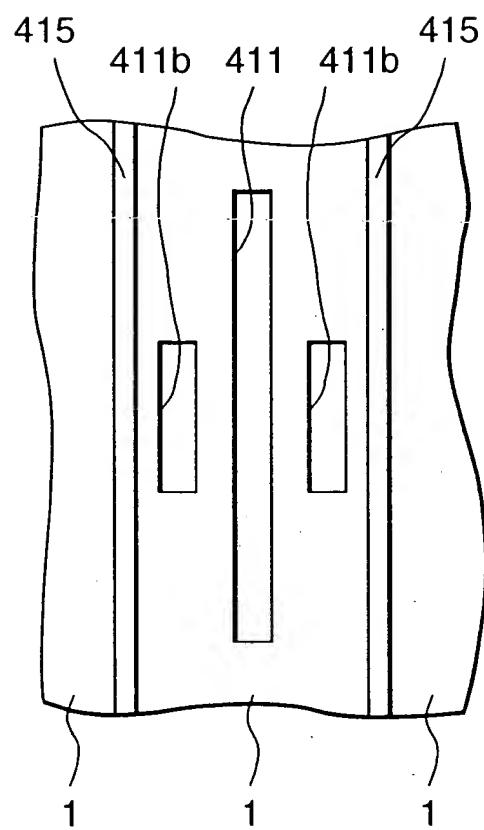


FIG. 45

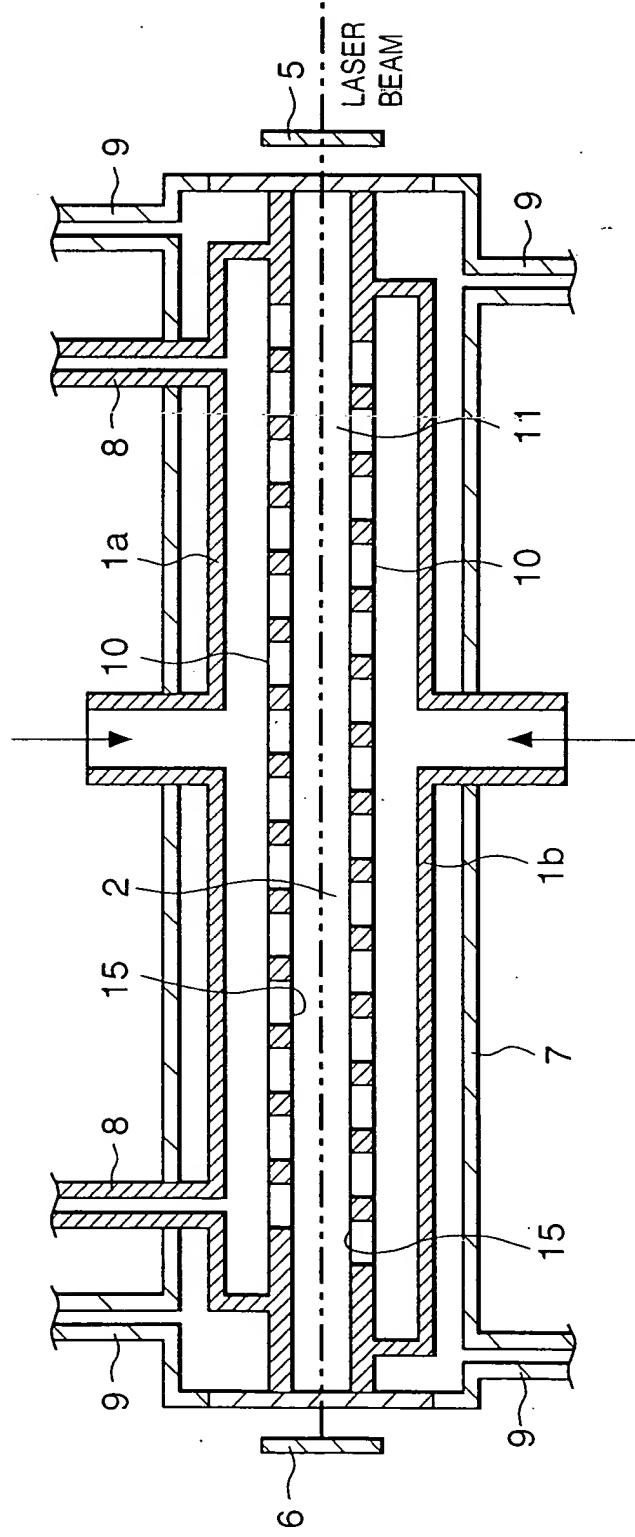


FIG. 46

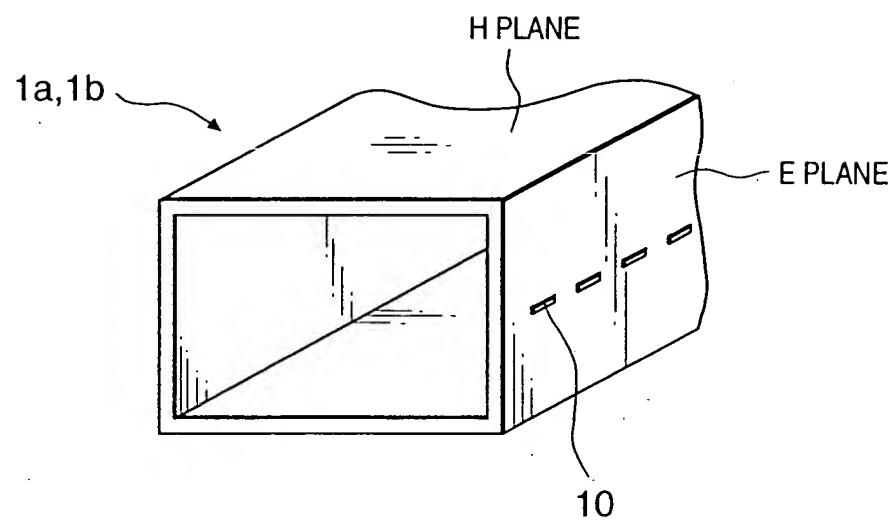


FIG. 47

RELATIVE POSITION TO
NORMAL WAVEGUIDE END $1/\lambda_g$

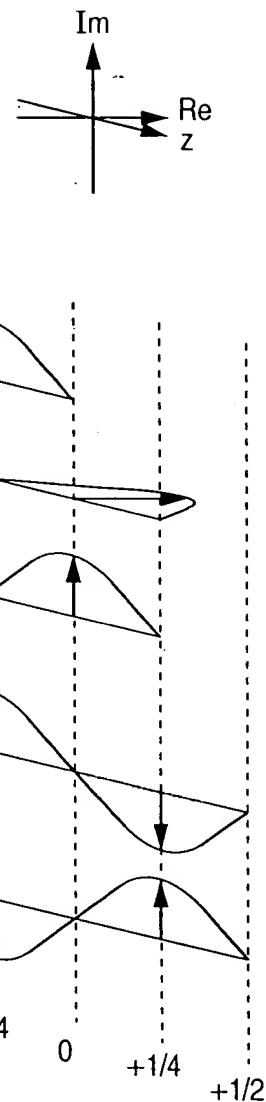
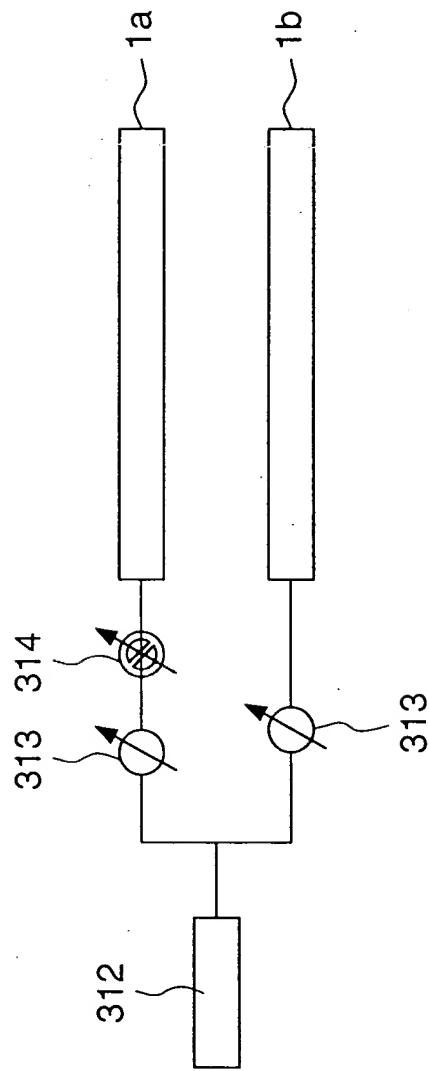


FIG. 48



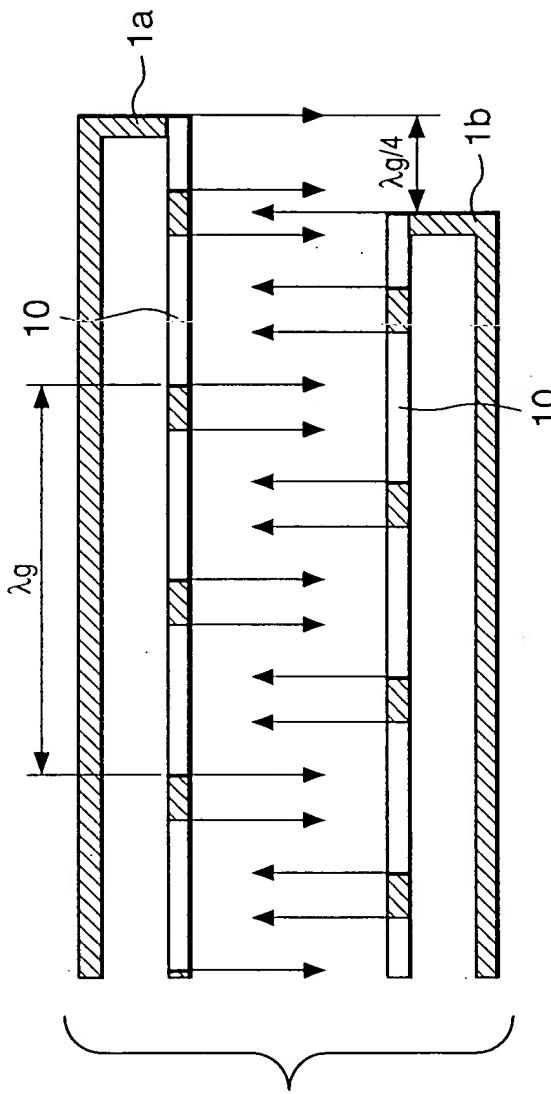


FIG. 49A

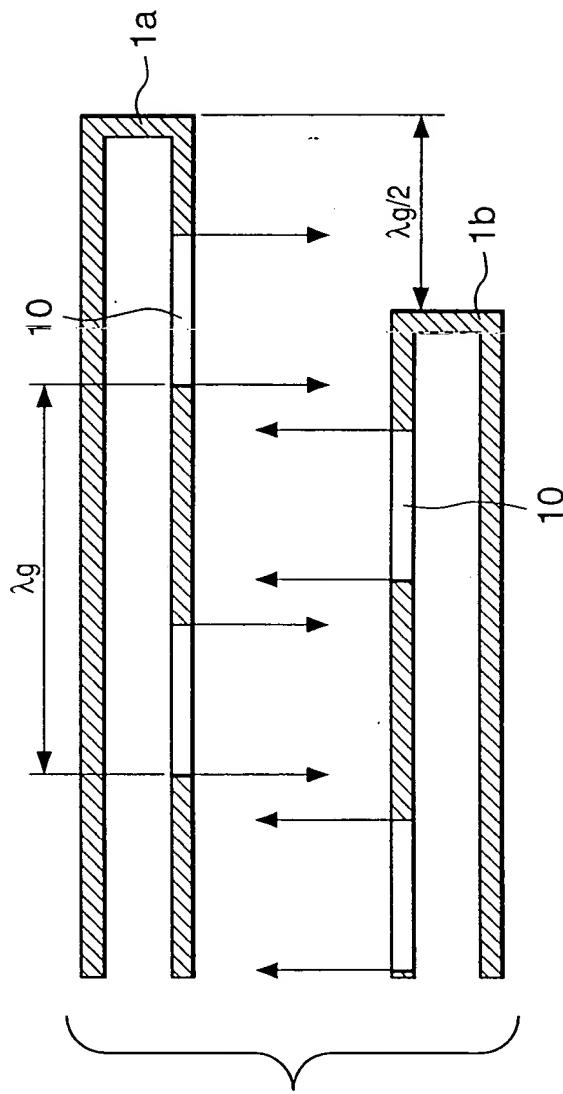


FIG. 49B

FIG. 50

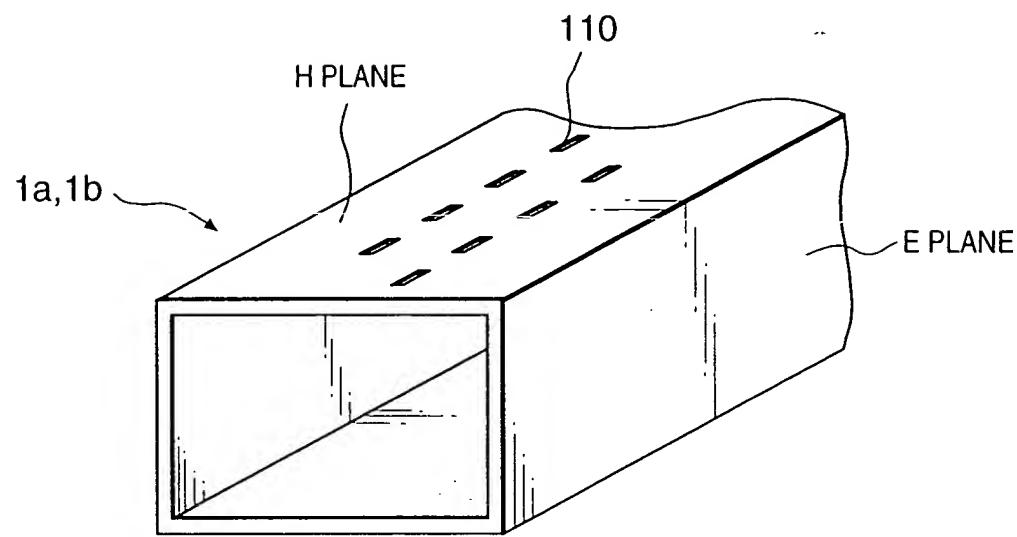
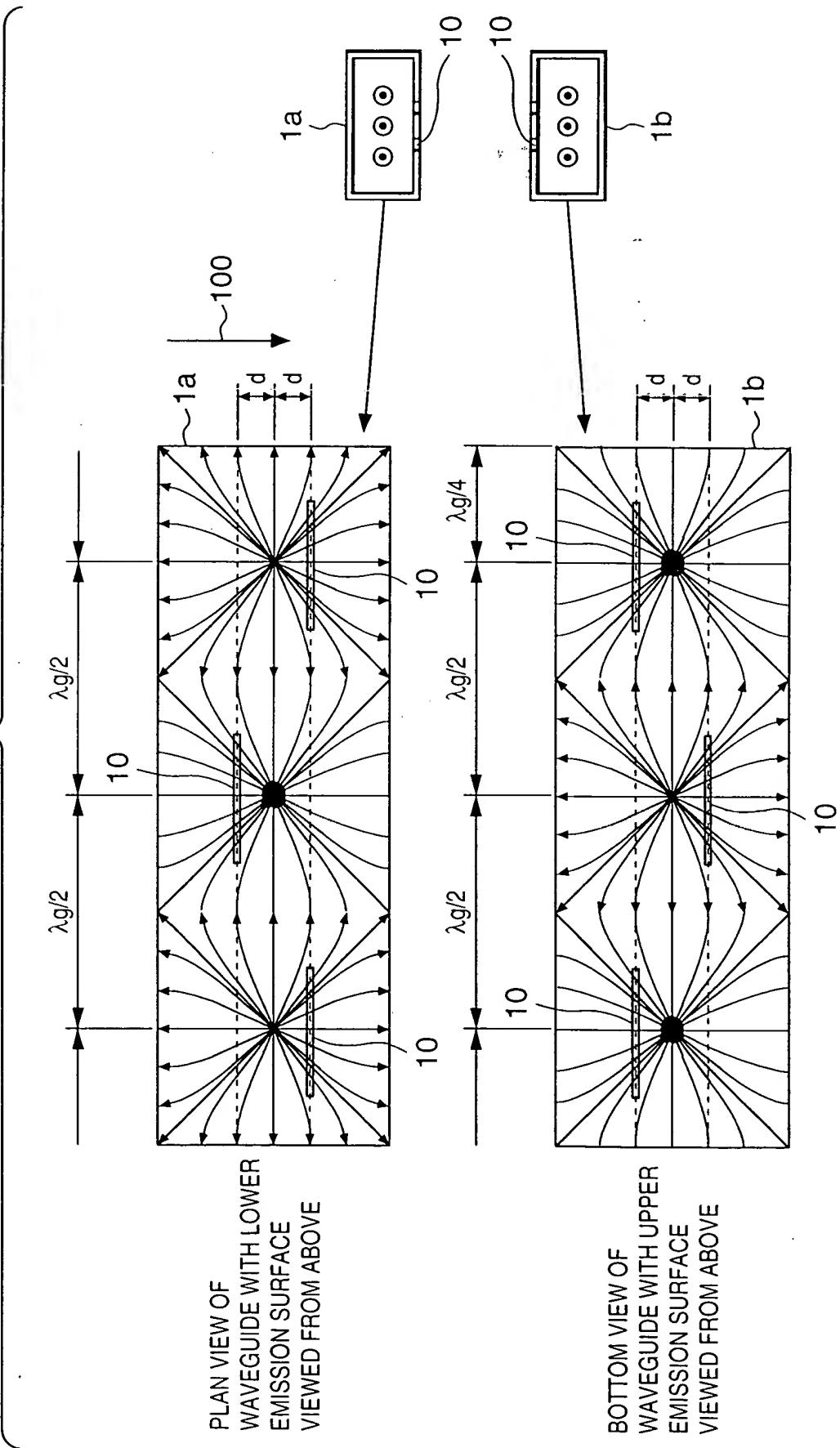


FIG. 51



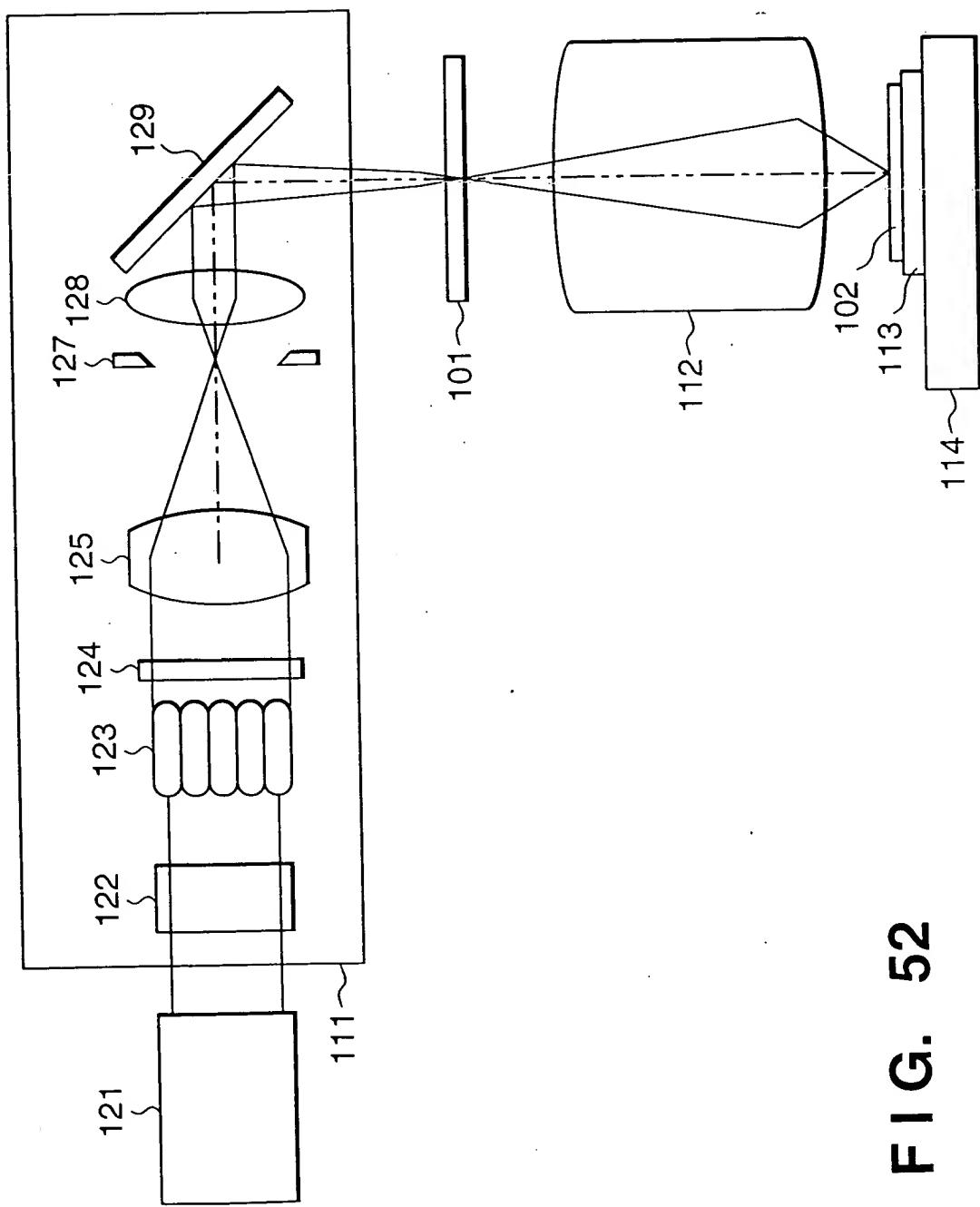


FIG. 52

F I G. 53

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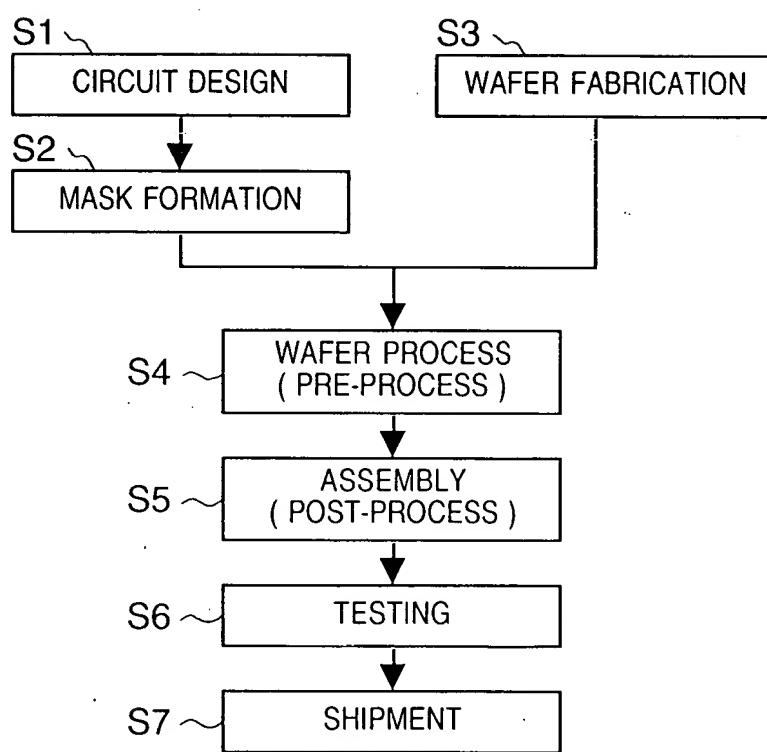


FIG. 54

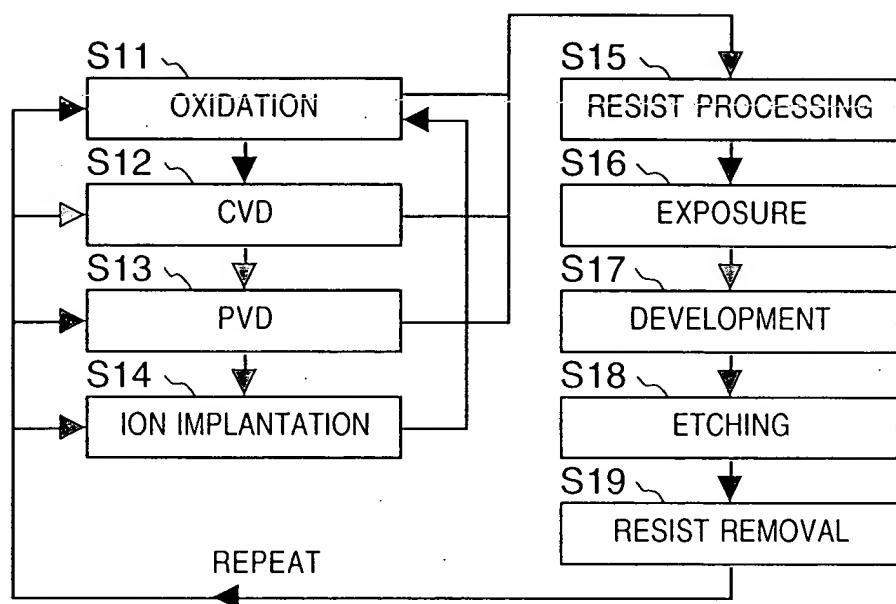


FIG. 55

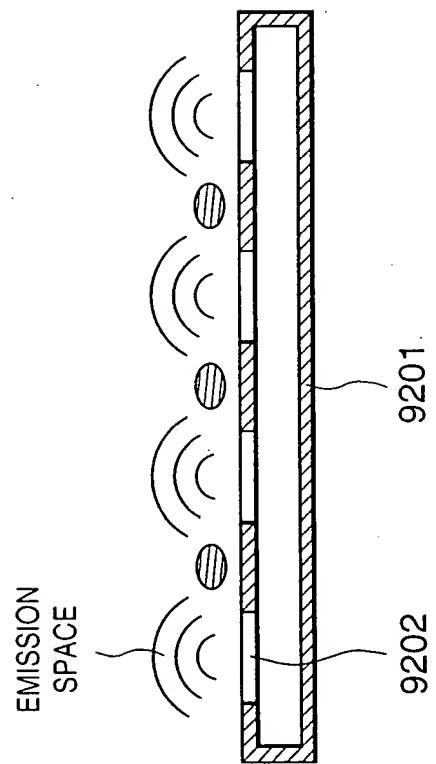


FIG. 56A

EXAMPLE OF ELECTRIC FIELD
INTENSITY NEAR SLOT

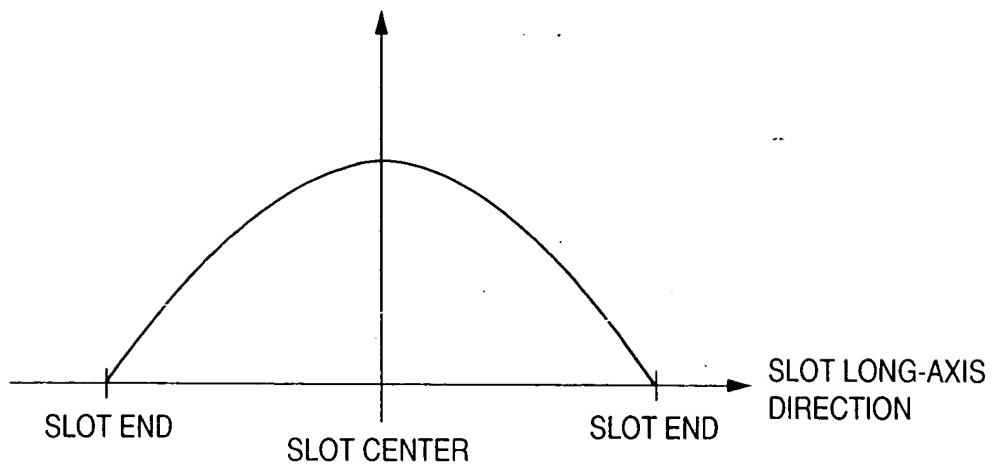


FIG. 56B

PLASMA WAVE INTENSITY
(ALONE)

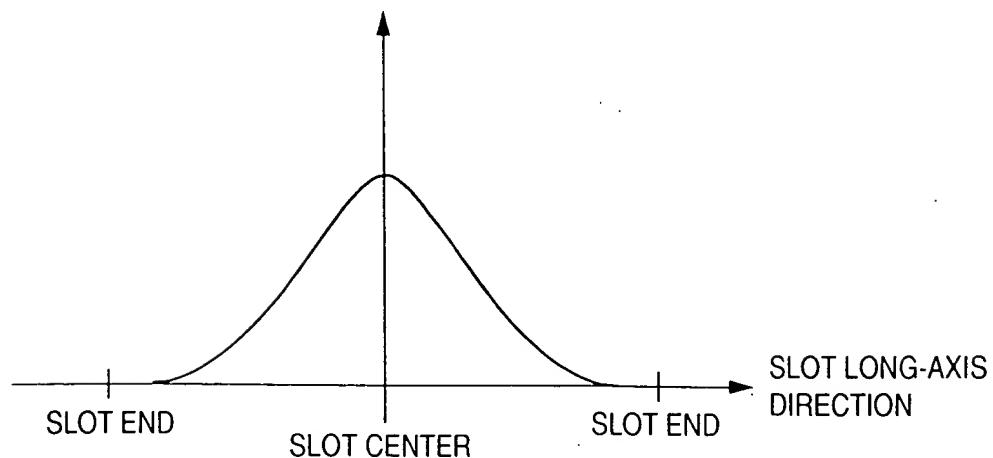


FIG. 57

